2010 New Hampshire
WILDLIFE HARVEST
SUMMARY

NEW HAMPSHIRE
FISH AND GAME DEPARTMENT
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We thank our partners in wildlife conservation, hunters and shooters, U.S. Fish and Wildlife Service and private industry.

Excise taxes collected on firearms, ammunition and archery equipment are distributed to state agencies like the N.H. Fish and Game Department to conduct research, restore and manage wildlife populations, purchase habitat, conduct hunter education programs and create opportunities for hunting and other wildlife-associated recreation.

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2010 WHITE-TAILED DEER HARVEST SUMMARY

New Hampshire's 2010 deer season resulted in a total harvest of 9,759. This was a decrease of 6% from 10,384 in 2009. The adult buck (antlered males age 1.5+) kill was up slightly from 5,940 in 2009, to 6,015 in 2010. The antlerless harvest decreased from 4,444 in 2009 to 3,744 in 2010 and accounts for the overall reduction in the 2010 kill. This reduction in antlerless kill was the desired result of efforts to reduce the female kill and help speed population recovery following declines in deer numbers in most of the state since the winter of 2007-08. The statewide average Winter Severity Index (WSI), which assesses the duration of snow depths in excess of 18 inches and minimum temperatures below 0° F from December through April, for the winter of 2009-10 tied the lowest value on record since data collection began in the winter of 1964-65. The mild winter of 2009-10 enhanced winter survival and increased fawn productivity in the spring of 2010. As a consequence, it should contribute to the continued recovery of our population.

The total male kill in 2010, including male fawns, was 6,781 and the total female kill, including female fawns, was 2,978. The 2010 general season framework, either-sex hunting opportunities and a map of WMUs are provided in a subsequent figure in this report.

The kill during the special youth hunt weekend was 392, up 8% from 363 in 2009. Archery hunters took 1,984 deer in 2010, down from 2,678 in 2009. The muzzleloader kill in 2010 was 2,219, down from 2,398 in 2009 while "regular" firearm hunters took 5,164 deer in 2010, up from 4,945 in 2009. Subsequent tables give additional details on the harvest by season, sex and WMU.

Biological information was again collected during 2010 at select deer registration stations in order to monitor the physical condition of New Hampshire's deer and assess harvest age structure. In 2010 a total of 1,010 deer were checked (649 males, 361 females). Average yearling (age 1.5) antler beam diameter was 18.3 millimeters and yearling male field dressed weight averaged 116 pounds. Both of these values were above the recent 5-year averages of 17.6 millimeters and 114 pounds respectively, and are indicative of a deer population that continues to be in good physical condition and below the biological carrying capacity of our deer habitat. The statewide yearling male fraction, the percentage of adult bucks consisting of yearlings, for the 2010 harvest was 43.4%, down slightly from 45.2% in 2009. Over half of adult males taken in NH in 2010 were again 2.5 years old or older. The distribution of older adult bucks at biological check stations was 28% at 2.5 years old, 18% at 3.5 years, 7% at 4.5 years and 3% at 5.5+ years old. Mature bucks at 4.5 years old averaged 180 pounds dressed weight with 8.7 points, while bucks 5.5+ years old averaged 175 pounds and also averaged 8.7 points.

Deer population management efforts in the near future will be primarily focused on achieving WMU-specific deer population objectives as provided by New Hampshire's Big Game Management Plan. In most of the state, this continues to be geared toward increasing the deer population. The reduced female kill in 2010, along with the mild winter in 2009-10, will help speed this process. As of this writing (January 2011) it remains unknown how severe the winter of 2010-11 will be and

what impact it will have, but continued average to below-average winter severity and limited doe kill will help achieve the desired population growth, raising deer population and harvest levels toward the objectives.

DEER POPULATION OBJECTIVES BY WILDLIFE MANAGEMENT UNIT

Deer management decisions are based on our existing Big Game Population Management Plan. The objectives of this plan span the period 2006-2015 and are summarized in the following table. A negative (-) value under "desired % change" indicates a need to decrease the population to achieve the objective while a positive (+) value reflects a need to increase the population.

	EXPRESSED AS ADULT (AGE 1.5+) MALE KILL		
WMU	OBJECTIVE	CURRENT LEVEL[1]	DESIRED % CHANGE
A	300[2]	239	+26%
B	125	108	+16%
C1	100	46	+117%
C2	125	72	+74%
D1	260	160	+63%
D2	530	454	+17%
E	100	66	+52%
F	150	91	+65%
G	530	428	+24%
H1	460	432	+6%
H2	750	567	+32%
I1	330	193	+71%
I2	360	236	+53%
J1	375	259	+45%
J2	940	771	+22%
K	735	617	+19%
L	525	485	+8%
M	535	757	-29%
TOTAL	**7265**	**5978**	**+22%**

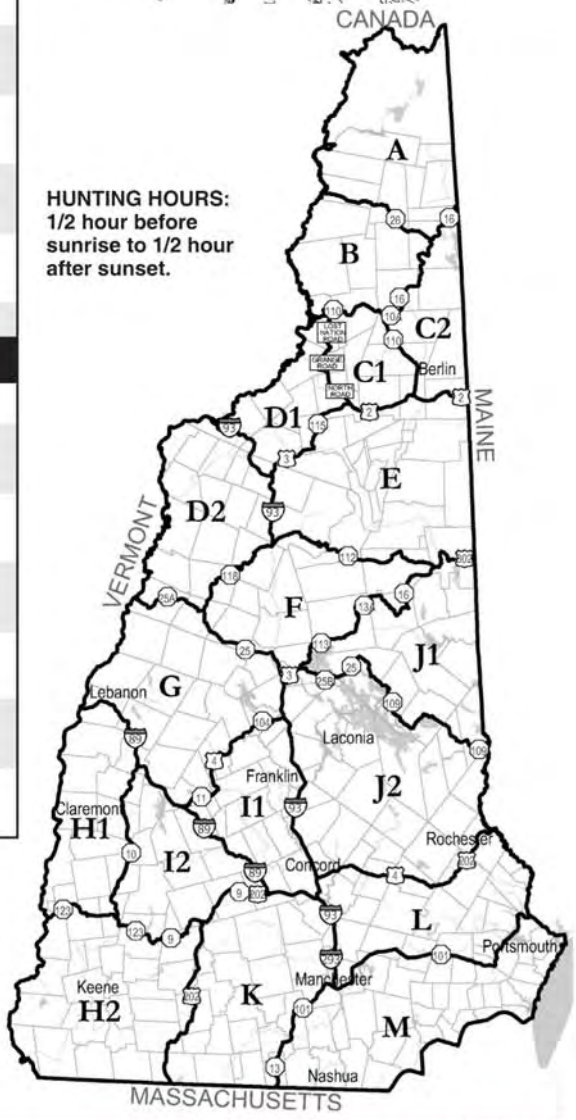
[1] - 2-year running average of adult (age 1.5+) male kill.
[2] - Under antler point restrictions (APRs) in WMU-A in 2009 the adjusted objective would be 265. In the absence of APRs, the objective is 335. For the 2-year period of 2009-10 with 1-year during which APRs were in effect (2009) and 1-year during which they weren't (2010), an approximate objective is 300.

2010 N.H. DEER SEASON

TYPE	INCLUSIVE DATES	WILDLIFE MGMT. UNITS
ARCHERY		
Antlered Only Any Deer	Sept. 15 – Sept. 30 Oct. 1 – **Dec. 8**	A
Antlered Only Any Deer	Sept. 15 – Sept. 30 Oct. 1 – Dec. 15	B-M
YOUTH WEEKEND**		
Any Deer	Oct. 23 – Oct. 24	STATEWIDE
MUZZLELOADER		
Antlered Only	Oct. 30 – Nov. 9	A, B, C^1, C^2, D^1, E, F, G, I^1, I^2 J^1
Any Deer Antlered Only	Oct. 30 ONLY Oct. 31 – Nov. 9	D^2, J^2
Any Deer Antlered Only	Oct. 30 – Oct. 31 Nov. 1 – Nov. 9	K
Any Deer Antlered Only	Oct. 30 – Nov. 1 Nov. 2 – Nov. 9	H^1, H^2
Any Deer Antlered Only	Oct. 30 – Nov. 5 Nov. 6 – Nov. 9	L
Any Deer	Oct. 30 – Nov. 9	M
FIREARM		
Antlered Only	Nov. 10 – **Nov. 28**	A
Antlered Only	Nov. 10 – Dec. 5	B, C^1, C^2, D^1, E, F, G, I^1, I^2, J^1
Any Deer Antlered Only	Nov. 10 ONLY Nov. 11 – Dec. 5	D^2, J^2
Any Deer Antlered Only	Nov. 10 – Nov. 11 Nov. 12 – Dec. 5	K
Any Deer Antlered Only	Nov. 10 – Nov. 12 Nov. 13 – Dec. 5	H^1, H^2
Any Deer Antlered Only	Nov. 10 – Nov. 16 Nov. 17 – Dec. 5	L
Any Deer Antlered Only	Nov. 10 – Nov. 19 Nov. 20 – Dec. 5	M

FIREARM OPENING DAY NOVEMBER 10, 2010

HUNTING HOURS:
1/2 hour before sunrise to 1/2 hour after sunset.



DEFINITIONS –

Antlered Deer: Deer with at least one antler three (3) inches long.
Antlerless Deer: A deer without antlers or with antlers less than 3 inches long.
Any Deer: All deer regardless of sex or age.
** Nonresident youth hunters may participate provided NH youth can hunt during youth deer hunts in their state of residence.

2011 Firearm Opening Day: Nov. 9, 2011

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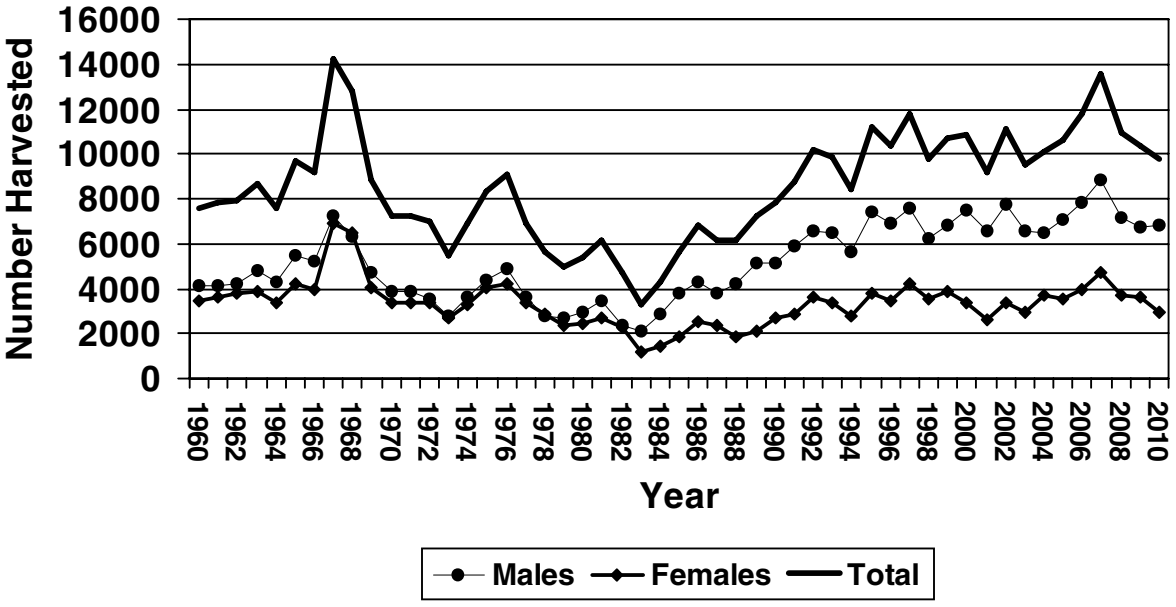
TOTAL AND SEX-SPECIFIC DEER HARVEST FOR THE 1960-2010 HUNTING SEASONS

The graph below shows the number of male, female and total deer harvested from 1960 through 2010. The highest total harvest (14,204 deer) occurred in 1967, the second highest (13,559) in 2007 and lowest (3,280) in 1983. Earlier harvests contained nearly equal portions of males and females and were the result of very liberal either-sex hunting seasons. High female harvest rates, combined with severe winter weather, caused the state's deer population to decrease from the late 1960s until the early 1980s. In 1983, the Department dramatically reduced the number of either-sex hunting days in most areas of the state to allow populations to begin to increase. Since then, female kill has been consistently lower than the male kill.

The graph below shows a highly variable deer harvest over the past 5 decades. Many factors can affect the number of deer harvested in any given year such as: deer population density, habitat availability and productivity, hunter density and access, weather severity (all seasons), natural food production, and the Department's season objectives (with respect to management plan goals). All of the above factors have changed with time and will continue to change in years to come. When WMU-specific deer populations reach management plan objectives, the total harvest will rival that of 1967, but the herd will be at a higher level, and more importantly, the harvests will be more sustainable. In addition to hunting, winter severity will continue to play a major role in deer population status in New Hampshire.

As a result of population and harvest declines following a couple of bad winters beginning in 2007-08, it was desired to reduce the doe kill in 2010 over much of the state to help speed population recovery. This effort succeeded by reducing the female kill 18% from 3,612 in 2009 to 2,978 in 2010.



DEER KILL BY SEX, SEASON AND WILDLIFE MANAGEMENT UNIT IN 2010

The following tables give the deer kill for the archery season, youth weekend, muzzleloader season and the regular firearm season. The Wildlife Management Unit (WMU) specific and overall deer kill per square mile reported in these tables is based on estimates of square miles of deer habitat. These estimates were derived as part of the New Hampshire Big Game Management Plan that will guide deer management from 2006 to 2015.

MALE KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2010

	WILDLIFE MANAGEMENT UNIT (WMU)																		
SEASON	**A**	**B**	**C1**	**C2**	**D1**	**D2**	**E**	**F**	**G**	**H1**	**H2**	**I1**	**I2**	**J1**	**J2**	**K**	**L**	**M**	**ALL**
ARCHERY	38	11	7	10	26	68	10	7	63	54	101	22	29	25	140	112	100	200	1023
YOUTH	14	3	1	0	1	29	2	3	18	12	22	2	5	7	18	10	15	13	175
MUZZL.	50	13	6	10	15	92	7	17	78	117	136	35	41	51	205	173	169	344	1559
FIREARM	222	96	27	51	113	274	56	71	269	275	376	139	145	200	507	390	312	501	4024
TOTAL	**324**	**123**	**41**	**71**	**155**	**463**	**75**	**98**	**428**	**458**	**635**	**198**	**220**	**283**	**870**	**685**	**596**	**1058**	**6781**
KILL /	0.59		0.21		0.72		0.11		0.69		0.98		0.62		1.17		1.44		0.83
SQ. MI.		0.38		0.31		1.04		0.21		1.21		0.60		0.65		1.17		1.98	

FEMALE KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2010

	WILDLIFE MANAGEMENT UNIT (WMU)																		
SEASON	**A**	**B**	**C1**	**C2**	**D1**	**D2**	**E**	**F**	**G**	**H1**	**H2**	**I1**	**I2**	**J1**	**J2**	**K**	**L**	**M**	**ALL**
ARCHERY	33	13	5	11	22	87	1	4	69	49	85	19	17	20	155	128	71	172	961
YOUTH	15	5	2	0	11	32	1	1	22	17	25	4	7	11	30	19	13	2	217
MUZZL.	0	0	0	0	1	31	0	0	0	71	91	0	0	0	83	75	78	230	660
FIREARM	3	1	0	1	0	66	0	0	0	114	127	0	1	0	156	118	141	412	1140
TOTAL	**51**	**19**	**7**	**12**	**34**	**216**	**2**	**5**	**91**	**251**	**328**	**23**	**25**	**31**	**424**	**340**	**303**	**816**	**2978**
KILL /	0.09		0.04		0.16		<0.01		0.15		0.51		0.07		0.57		0.73		0.37
SQ. MI.		0.06		0.05		0.49		0.01		0.66		0.07		0.07		0.58		1.53	

TOTAL KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2010

	WILDLIFE MANAGEMENT UNIT (WMU)																		
SEASON	**A**	**B**	**C1**	**C2**	**D1**	**D2**	**E**	**F**	**G**	**H1**	**H2**	**I1**	**I2**	**J1**	**J2**	**K**	**L**	**M**	**ALL**
ARCHERY	71	24	12	21	48	155	11	11	132	103	186	41	46	45	295	240	171	372	1984
YOUTH	29	8	3	0	12	61	3	4	40	29	47	6	12	18	48	29	28	15	392
MUZZL.	50	13	6	10	16	123	7	17	78	188	227	35	41	51	288	248	247	574	2219
FIREARM	225	97	27	52	113	340	56	71	269	389	503	139	146	200	663	508	453	913	5164
TOTAL	**375**	**142**	**48**	**83**	**189**	**679**	**77**	**103**	**519**	**709**	**963**	**221**	**245**	**314**	**1294**	**1025**	**899**	**1874**	**9759**
KILL /	0.68		0.25		0.88		0.11		0.84		1.49		0.69		1.74		2.17		1.20
SQ. MI.		0.43		0.36		1.53		0.23		1.87		0.68		0.72		1.76		3.51	

ADULT (ANTLERED) BUCK KILL BY WILDLIFE MANAGEMENT UNIT (1960-2010)

Adult buck kill is New Hampshire's most consistent index of total deer population on a historical basis. While either-sex hunting seasons have varied widely through time, adult buck seasons have remained fairly constant, and the adult buck kill provides an accurate and consistent index to change in population levels within a WMU. Adult buck kill figures prior to 1987 (the first year we have good data on a WMU basis) are estimated based on town of kill and current WMU boundaries. Since the number of deer killed in any given year can vary significantly as a result of snow cover, weather and natural food production, we use two-year averages to assess population status relative to our management efforts and population objectives.

	WILDLIFE MANAGEMENT UNIT (WMU)																		
YEAR	A	B	C1	C2	D1	D2	E	F	G	H1	H2	I1	I2	J1	J2	K	L	M	TOTAL
1960	171	164	75	126	132	200	166	86	289	160	217	165	171	258	264	225	120	146	3135
1961	221	217	96	134	220	287	165	67	232	163	180	164	165	174	225	219	111	102	3142
1962	217	232	100	118	222	279	168	70	247	190	234	145	188	185	225	197	76	64	3157
1963	158	169	63	109	147	245	157	122	402	238	286	184	210	288	312	298	139	120	3647
1964	244	185	66	134	161	230	158	110	333	217	211	123	147	306	254	207	104	66	3256
1965	301	207	87	167	205	327	236	107	506	228	244	158	160	399	355	225	128	69	4172
1966	240	168	67	137	170	309	201	152	440	215	277	147	199	406	402	241	150	75	3996
1967	310	278	109	177	268	500	234	192	491	286	371	184	236	523	596	374	209	123	5461
1968	353	232	99	163	240	410	245	178	457	236	322	139	180	467	494	234	195	75	4719
1969	235	200	82	137	175	373	166	183	472	182	210	101	141	371	262	124	122	46	3582
1970	215	134	63	102	139	288	164	146	354	133	156	84	93	313	260	88	138	64	2934
1971	166	85	55	65	112	296	121	119	317	133	186	84	106	332	337	108	216	69	2907
1972	143	79	58	72	141	352	150	99	281	113	139	86	75	295	294	100	150	71	2698
1973	138	53	42	36	84	256	90	85	187	99	107	60	49	270	288	88	137	41	2110
1974	113	47	41	52	102	296	95	101	235	128	162	87	76	353	402	122	207	89	2708
1975	116	61	54	60	132	338	121	106	294	169	237	111	96	360	526	140	243	116	3280
1976	141	83	65	80	155	315	126	133	276	180	272	140	132	363	613	211	253	145	3683
1977	109	63	49	56	127	233	103	98	211	168	221	94	104	255	441	132	170	90	2724
1978	43	28	18	25	83	146	41	41	122	151	174	85	109	170	398	125	174	117	2050
1979	22	19	10	12	70	108	24	45	128	152	176	93	103	216	403	139	208	92	2020
1980	73	41	26	39	56	111	47	46	113	154	234	93	118	220	428	130	217	125	2271
1981	94	46	23	40	91	161	54	46	134	180	256	100	142	228	459	211	255	138	2658
1982	82	39	13	26	56	97	28	25	80	137	173	71	85	139	323	130	169	114	1787
1983	79	36	15	20	38	88	20	34	141	130	149	58	94	112	280	123	161	92	1670
1984	155	63	24	25	83	174	41	33	139	143	231	78	97	191	372	149	209	143	2350
1985	190	56	32	54	91	161	69	48	173	171	327	112	130	257	494	244	288	202	3099
1986	190	65	25	42	73	156	52	42	180	221	363	132	147	328	571	255	320	228	3390
1987	189	82	18	44	79	191	37	36	144	204	340	127	128	231	499	252	265	276	3144
1988	279	71	32	38	87	149	44	47	169	196	369	131	151	245	527	296	397	332	3559
1989	270	90	45	51	106	229	66	63	222	204	443	165	176	260	655	410	448	384	4287
1990	328	102	40	60	93	195	66	62	227	221	457	141	151	248	618	388	428	410	4234
1991	248	122	54	58	128	261	68	74	309	329	535	187	185	303	713	464	474	414	4926
1992	221	93	40	40	119	285	79	74	342	358	611	248	225	331	906	482	484	496	5433
1993	212	99	38	45	133	288	68	74	343	320	595	237	254	318	874	489	473	488	5348
1994	213	82	24	38	125	251	70	53	286	327	486	234	210	257	772	429	445	489	4790
1995	388	152	48	85	169	370	92	81	376	412	599	220	265	343	939	539	502	546	6125
1996	315	106	43	47	159	387	72	66	365	348	590	220	218	317	960	487	475	564	5740
1997	382	138	59	81	209	466	89	75	389	349	575	199	249	374	899	580	536	657	6305
1998	306	118	45	67	195	429	73	69	309	263	491	157	126	253	714	450	447	615	5127
1999	421	142	50	62	182	438	62	74	373	273	478	155	157	292	714	466	579	724	5642
2000	428	169	77	98	199	523	74	89	430	335	550	195	196	319	816	600	593	863	6554
2001	306	119	66	81	166	405	53	85	357	333	601	186	185	287	799	581	543	828	5981
2002	387	128	71	106	169	473	62	85	420	375	642	234	288	308	969	714	597	827	6855
2003	355	141	55	70	148	470	43	53	336	392	562	181	169	219	762	605	576	691	5828
2004	264	98	48	68	97	391	69	66	342	331	506	149	179	263	856	565	499	746	5537
2005	294	99	56	92	137	448	52	92	372	400	598	209	230	254	842	626	567	761	6127
2006	280	122	67	96	144	588	87	111	468	419	665	231	270	259	924	645	561	741	6678
2007	260	193	74	112	225	679	91	128	508	487	730	257	313	343	1091	789	581	806	7667
2008	244	134	50	87	164	560	74	76	463	451	646	201	256	241	749	698	475	821	6390
2009	167	100	52	76	172	484	61	87	440	455	572	191	256	243	767	625	473	719	5940
2010	310	116	40	67	148	423	71	95	415	409	561	195	215	275	775	608	497	795	6015

MALE KILL BY SEASON AND WILDLIFE MANAGEMENT UNIT DURING 2010

Harvest varies widely by day during the hunting season. Changes are primarily influenced by differences in hunting pressure and weather conditions. The typical distribution of harvest includes a high opening day kill in the muzzleloader and firearms seasons, high kills during the first 5 days of the firearms season and high kills on weekends for both seasons. The Thanksgiving weekend can also produce high harvests. The number of males listed in this table is the total male kill (including fawns), thus the numbers are somewhat larger than those in the previous table.

	WILDLIFE MANAGEMENT UNIT (WMU)																		
DATE	**A**	**B**	**C1**	**C2**	**D1**	**D2**	**E**	**F**	**G**	**H1**	**H2**	**I1**	**I2**	**J1**	**J2**	**K**	**L**	**M**	**ALL**
									ARCHERY SEASON (15 SEPTEMBER – 15 DECEMBER)										
TOTAL	**38**	**11**	**7**	**10**	**26**	**68**	**10**	**7**	**63**	**54**	**101**	**22**	**29**	**25**	**140**	**112**	**100**	**200**	**1023**
									YOUTH WEEKEND (23-24 OCTOBER)										
Oct. 23	10	1	0	0	0	19	0	0	7	6	11	2	5	3	11	8	8	6	97
Oct. 24	4	2	1	0	1	10	2	3	11	6	11	0	0	4	7	2	7	7	78
TOTAL	**14**	**3**	**1**	**0**	**1**	**29**	**2**	**3**	**18**	**12**	**22**	**2**	**5**	**7**	**18**	**10**	**15**	**13**	**175**
									MUZZLELOADER SEASON (30 OCTOBER – 9 NOVEMBER)										
Oct. 30	9	2	1	3	2	30	0	3	20	35	40	10	11	12	86	49	54	103	470
Oct. 31	7	0	1	1	3	15	0	3	13	26	35	2	9	8	28	44	30	53	278
Nov. 1	9	3	0	1	1	3	0	2	2	11	15	1	2	3	9	7	17	23	109
Nov. 2	7	0	0	1	1	3	0	3	6	2	4	1	3	3	6	8	9	17	74
Nov. 3	2	1	1	0	0	3	0	0	8	5	5	1	3	2	8	6	11	29	85
Nov. 4	1	0	0	1	1	3	1	0	1	3	2	0	0	1	2	3	7	9	35
Nov. 5	4	2	0	0	1	4	0	0	5	0	3	2	2	1	9	8	6	12	59
Nov. 6	5	3	0	2	4	15	2	2	11	16	19	4	4	11	30	23	15	42	208
Nov. 7	1	1	1	1	1	12	3	0	9	13	6	6	5	8	17	15	13	38	150
Nov. 8	3	0	2	0	0	2	0	0	1	1	2	4	1	0	3	7	5	4	35
Nov. 9	2	1	0	0	1	2	1	4	2	5	5	4	1	2	7	3	2	14	56
TOTAL	**50**	**13**	**6**	**10**	**15**	**92**	**7**	**17**	**78**	**117**	**136**	**35**	**41**	**51**	**205**	**173**	**169**	**344**	**1559**
									REGULAR FIREARM SEASON (10 NOVEMBER – 5 DECEMBER)										
Nov. 10	15	7	1	3	11	47	5	5	21	56	82	14	16	15	149	84	45	38	614
Nov. 11	9	7	1	3	3	17	2	7	17	37	56	6	11	20	27	56	42	44	365
Nov. 12	12	2	0	0	2	14	1	2	12	32	23	7	5	11	20	14	36	38	231
Nov. 13	18	2	3	7	6	19	1	16	25	21	34	9	13	24	38	30	55	54	375
Nov. 14	7	6	0	0	11	16	5	4	18	12	23	16	18	17	41	24	43	46	307
Nov. 15	5	2	1	1	2	7	3	3	7	6	5	1	3	5	9	8	7	14	89
Nov. 16	5	1	1	1	7	7	3	1	12	7	6	2	4	3	10	6	12	11	99
Nov. 17	4	3	0	0	3	5	0	3	9	4	7	1	1	3	6	7	4	4	64
Nov. 18	8	3	1	3	2	5	1	1	10	3	7	4	5	12	9	7	4	12	97
Nov. 19	14	4	3	1	5	11	4	3	14	8	13	5	6	4	12	10	3	10	130
Nov. 20	23	6	2	0	6	22	8	7	21	14	21	14	15	13	40	33	14	43	302
Nov. 21	15	4	0	4	6	14	5	2	19	6	15	11	8	16	31	25	6	26	213
Nov. 22	8	6	0	4	2	4	0	0	5	6	13	6	7	3	5	2	4	10	85
Nov. 23	12	2	1	2	4	5	0	0	9	6	5	4	2	3	5	5	4	5	74
Nov. 24	10	5	2	2	2	9	0	0	7	3	4	3	0	6	10	5	0	4	72
Nov. 25	11	3	3	0	5	13	2	5	6	6	7	7	1	1	6	12	5	23	116
Nov. 26	16	4	1	1	8	8	0	1	7	7	12	5	4	9	11	10	1	17	122
Nov. 27	14	8	1	1	4	11	3	4	13	11	10	6	6	7	18	20	3	20	160
Nov. 28	16	4	1	2	6	7	3	2	12	9	10	5	7	6	14	10	4	21	139
Nov. 29	0	3	1	1	0	2	1	0	3	1	0	3	0	3	5	2	1	6	32
Nov. 30	0	3	0	3	1	6	1	0	3	2	2	0	0	1	2	2	3	9	38
Dec. 1	0	1	0	1	2	3	0	1	1	1	2	2	2	1	2	2	2	6	29
Dec. 2	0	1	0	1	1	5	2	0	3	3	2	1	1	3	11	2	0	9	45
Dec. 3	0	4	0	1	3	0	0	0	1	6	3	1	3	2	4	1	2	5	36
Dec. 4	0	4	2	7	3	9	3	2	10	4	6	3	5	5	14	8	6	15	106
Dec. 5	0	1	2	2	8	8	3	2	4	4	8	3	2	7	8	5	6	11	84
TOTAL	**222**	**96**	**27**	**51**	**113**	**274**	**56**	**71**	**269**	**275**	**376**	**139**	**145**	**200**	**507**	**390**	**312**	**501**	**4024**
GRAND TOTAL	**324**	**123**	**41**	**71**	**155**	**463**	**75**	**98**	**428**	**458**	**635**	**198**	**220**	**283**	**870**	**685**	**596**	**1058**	**6781**

YEARLING ANTLER BEAM DIAMETER BY WILDLIFE MANAGEMENT UNIT (2006-2010)

The antler beam diameter of yearling (age 1.5) males (YABD) is used to assess the quality of deer habitat. The biological maximum average YABD on excellent range is around 24mm. This maximum is not reached anywhere in New Hampshire because of our relatively unproductive soils and harsh winters. As deer densities increase from low levels, YABDs in the 17-19mm range indicate deer are in good to excellent health that can easily be sustained on the available habitat. Average YABDs below 16mm on a consistent basis indicate deer densities may be nearing the carrying capacity of the WMU. In the following table, the number in parenthesis following each average is the number of deer measured.

	YEAR					5-YEAR
WMU	**2010**	**2009**	**2008**	**2007**	**2006**	**AVERAGE**
A	18.7 (13)	18.4[1] (5)	18.5[1] (13)	18.1[1] (8)	18.5 (27)	18.5 (66)
B	19.5 (2)	16.2 (5)	16.9 (16)	16.4 (21)	17.8 (29)	17.1 (73)
C1	19.5 (2)	20.0 (2)	20.3 (3)	16.5 (2)	17.0 (6)	18.3 (15)
C2	18.3 (3)	18.5 (4)	15.0 (2)	16.5 (2)	18.5 (2)	17.6 (13)
D1	17.5 (4)	. (0)	18.3 (7)	17.7 (14)	17.8 (12)	17.8 (37)
D2	17.3 (12)	17.2 (5)	16.3 (15)	18.0 (14)	17.8 (9)	17.3 (55)
E	16.0 (2)	14.0 (1)	16.0 (3)	. (0)	22.0 (2)	17.3 (8)
F	. (0)	. (0)	. (0)	16.5 (2)	17.0 (1)	16.7 (3)
G	18.0 (1)	17.5 (4)	16.7 (7)	16.3 (7)	18.0 (2)	16.9 (21)
H1	17.9 (32)	17.2 (13)	17.0 (16)	18.3 (11)	18.3 (8)	17.7 (80)
H2	17.7 (15)	17.1 (31)	17.1 (24)	18.3 (23)	17.4 (10)	17.5 (103)
I1	20.3 (3)	18.7 (3)	16.8 (6)	19.3 (7)	18.4 (5)	18.5 (24)
I2	19.5 (4)	16.9 (13)	15.9 (10)	19.3 (11)	19.0 (7)	17.8 (45)
J1	19.5 (10)	15.9 (7)	16.4 (5)	18.0 (1)	15.3 (3)	17.4 (26)
J2	17.8 (24)	18.4 (14)	16.7 (23)	16.3 (10)	18.7 (19)	17.6 (90)
K	18.1 (43)	17.9 (51)	17.3 (72)	18.7 (23)	18.0 (15)	17.8 (204)
L	18.6 (20)	16.3 (22)	16.3 (32)	16.1 (12)	19.1 (11)	17.1 (97)
M	18.9 (45)	17.8 (39)	16.7 (44)	17.2 (30)	18.6 (35)	17.9 (193)
ALL	**18.3 (235)**	**17.4[2] (214)**	**16.9[2] (285)**	**17.6[2] (190)**	**18.2 (203)**	**17.6[2] (1127)**

[1] - Based on bucks taken under a 2-point minimum (on 1-side) antler point restriction.
[2] - Does not include WMU A in 2007 through 2009.

YEARLING MALE FRACTION BY WILDLIFE MANAGEMENT UNIT (2006-2010)

The yearling male fraction (YMF) is the percentage of harvested adult males that are yearlings (age 1.5). The YMF reflects the average annual mortality rate of all adult males in the population by estimating the percentage lost to all causes on an annual basis (about half of our annual all-cause mortality is from the hunting seasons). In any given year, a high YMF may also reflect good fawn production 2 years previous and/or good fawn survival the previous winter. New Hampshire has a relatively low annual mortality rate when compared to many other northeastern states, and this is why we maintain good age structure in the male population. Based on 2010 statewide biological check station data, 43.4% of adult (age 1.5+) males were yearlings, 28.2% of harvested adult males were 2½ years old and 28.4% were 3 ½ years or older. The number in parenthesis following each yearling male fraction is the total number of yearling and older bucks in the aged sample.

	YEAR					5-YEAR
WMU	2010	2009	2008	2007	2006	AVERAGE
A	72.2 (18)	26.3[1] (19)	25.0[1] (52)	24.2[1] (33)	71.1 (38)	41.3 (160)
B	40.0 (5)	41.7 (12)	57.1 (28)	45.1 (51)	64.6 (48)	53.5 (144)
C1	100.0 (2)	100.0 (2)	75.0 (4)	22.2 (9)	66.7 (9)	57.7 (26)
C2	60.0 (5)	57.1 (7)	25.0 (8)	50.0 (6)	60.0 (5)	48.4 (31)
D1	57.1 (7)	0.0 (3)	38.9 (18)	53.8 (26)	61.9 (21)	50.7 (75)
D2	58.3 (24)	27.8 (18)	42.9 (35)	51.9 (27)	60.0 (15)	47.9 (119)
E	66.7 (3)	12.5 (8)	50.0 (6)	0.0 (2)	40.0 (5)	33.3 (24)
F	0.0 (1)	. (0)	0.0 (3)	50.0 (4)	100.0 (1)	33.3 (9)
G	33.3 (3)	36.4 (11)	46.7 (15)	43.8 (16)	33.3 (6)	41.2 (51)
H1	41.0 (78)	42.4 (33)	50.0 (32)	52.4 (21)	40.0 (20)	44.0 (184)
H2	26.8 (56)	48.5 (66)	34.2 (73)	47.2 (53)	47.6 (21)	39.8 (269)
I1	42.9 (7)	100.0 (3)	33.3 (18)	77.8 (9)	50.0 (10)	51.1 (47)
I2	17.4 (23)	43.3 (30)	43.5 (23)	55.0 (20)	43.8 (16)	40.2 (112)
J1	39.3 (28)	30.4 (23)	35.7 (14)	12.5 (8)	37.5 (8)	33.3 (81)
J2	66.7 (36)	48.3 (29)	56.1 (41)	62.5 (16)	47.5 (40)	55.6 (162)
K	38.3 (115)	42.1 (121)	44.6 (166)	45.1 (51)	21.6 (74)	39.5 (527)
L	37.0 (54)	64.7 (34)	54.2 (59)	28.6 (42)	23.9 (46)	41.3 (235)
M	52.2 (92)	50.0 (80)	56.4 (78)	54.5 (55)	52.9 (70)	53.1 (375)
ALL	**43.4 (557)**	**45.2[2] (480)**	**46.4[2] (621)**	**46.9[2] (416)**	**46.4 (453)**	**45.6[2] (2527)**

[1] - Based on bucks taken under a 2-point minimum (on 1-side) antler point restriction.
[2] - Does not include WMU A in 2007 through 2009.

NEW HAMPSHIRE TROPHY DEER PROGRAM

Beginning in 1999, the New Hampshire Antler and Skull Trophy Club (NHASTC) assumed responsibility for New Hampshire's trophy deer program. The program annually recognizes hunters who take deer with a weight of 200 pounds or more by each of three hunting methods (archery, muzzleloader and regular firearms). To qualify, deer must weigh at least 200 pounds completely field dressed (with all internal organs including heart, lungs and liver removed). For entry information and an application form, look in the Hunting Digest published annually by Fish and Game and available at your license agent or on-line at www.huntnh.com. The following tables provide the overall historical top 10 and those for the 2010 season. For a complete listing of this year's registry or information on trophy deer, moose and black bear, contact Roscoe Blaisdell, president of NHASTC, 22 Scribner Road, Raymond, NH 03077, or call 603-895-9947. The information below was generously provided by NHASTC.

ALL METHODS OVERALL					2010 ALL METHOD TOP 10			
YEAR	NAME	RESIDENCE	WEIGHT	COUNTY	NAME	RESIDENCE	WEIGHT	COUNTY
1985	Arnold Girroir	W. Newbury, MA	289.25	Coos	Bruce Pearl	Gilmanton, NH	250	Carroll
1998	Mike Kenyon	Bradford, VT	284	Grafton	Paul Leborge Jr	Berlin, NH	250	Coos
1998	Scott Magoon	Topsham, VT	277	Coos	David Perry	Berlin, NH	249	Coos
1984	Dave Alonzo	Berlin, NH	273	Coos	Mark Pescinski	Hill, NH	240.5	Merrimack
1984	William Robinson	Northfield, NH	273	Coos	David Camp	Winchester, NH	239	Cheshire
1985	Bradley Frizzell	Pittsburg, NH	272	Coos	Donald Seymour	Antrim, NH	238	Hillsborough
1980	Robert Neil	Gorham, NH	267	Coos	Dale Barton	Brownfield, ME	235	Carroll
1994	Steven Young	Beecher Falls, VT	267	Coos	Adam Carter	Bradford, VT	232	Coos
1995	Lawrence Gonyer	Bow, NH	265	Coos	Jeffrey Barney	Groveton, NH	231	Coos
1986	Joe Daley Jr	Brentwood, NH	265	Rockingham	Cary McQueen	Laconia, NH	230	Belknap

REGULAR FIREARM OVERALL					2010 REGULAR FIREARM TOP 10			
YEAR	NAME	RESIDENCE	WEIGHT	COUNTY	NAME	RESIDENCE	WEIGHT	COUNTY
1985	Arnold Girroir	W. Newbury, MA	289.25	Coos	Paul Leborgne Jr	Berlin, NH	250	Coos
1998	Mike Kenyon	Bradford, VT	284	Grafton	David Perry	Berlin, NH	249	Coos
1984	Dave Alonzo	Berlin, NH	273	Coos	Mark Pescinski	Hill, NH	240.5	Merrimack
1985	Bradley Frizzell	Pittsburg, NH	272	Coos	Dale Barton	Brownfield, ME	235	Carroll
1980	Robert Neil	Gorham, NH	267	Coos	Jeffrey Barney	Groveton, NH	231	Coos
1995	Lawrence Gonyer	Bow, NH	265	Coos	David Nason	Brookfield, NH	229	Carroll
1986	Joe Daley Jr	Brentwood, NH	265	Rockingham	Joseph Nye	Lexington, MA	228	Carroll
1983	Perry Taylor	Moultonboro, NH	262	Coos	Lucien Marcoux	Mannville, RI	227	Merrimack
1994	Howard Fields Jr	Saline, MI	261	Coos	Keith Henner	Milton, NH	225	Strafford
2002	Stephen R. Caldwell	Barre, VT	258	Coos	Gerald Nason	Milton Mills, NH	224	Strafford

NEW HAMPSHIRE TROPHY DEER PROGRAM, CONT.

ARCHERY OVERALL					2010 ARCHERY TOP 10			
YEAR	NAME	RESIDENCE	WEIGHT	COUNTY	NAME	RESIDENCE	WEIGHT	COUNTY
2007	Rick Pescinski	Sanbornton, NH	255	Belknap	Arnold L. Brooks	Clarksville, NH	215.3	Coos
2002	Jeremiah Donaldson	Albany, NH	252	Carroll	Keith Regan	Windham, NH	210	Rockingham
2002	Rodger Matthewman	Meredith, NH	251.5	Belknap	Philip Imprescia	Northfield, NH	208	Merrimack
2007	Dennis L. Faulkenham	Stark, NH	243	Coos	Donald Seymour	Antrim, NH	207	Hillsborough
2009	Patric J. Laughy	Sanbornton, NH	243	Belknap	Tom Kildduff	Wentworth, NH	205	Grafton
2002	Dave Lufkin	Lancaster, NH	242.5	Coos	Gaetano Cilluffo	Derry, NH	202	Rockingham
2004	Ted Pinney	Rochester, NH	240.5	Rockingham	Marc Desainde	Weare, NH	201	Hillsborough
1995	Gregory Herbert	Laconia, NH	237.5	Belknap	NO OTHER ARCHERY DEER WERE ENTERED IN 2010			
2001	Fred Schobel	Rehoboth, MA	237.5	Rockingham				
1991	Johnny Smith III	Milford, NH	237	Hillsborough				
2006	Arthur Cardinal Jr.	Farmington, NH	237	Strafford				

MUZZLELOADER OVERALL					2010 MUZZLELOADER TOP 10			
YEAR	NAME	RESIDENCE	WEIGHT	COUNTY	NAME	RESIDENCE	WEIGHT	COUNTY
1998	Scott Magoon	Topsham, VT	277	Coos	Bruce Pearl	Gilmanton, NH	250	Carroll
1984	William Robinson	Northfield, NH	273	Coos	David Camp	Winchester, NH	239	Cheshire
1994	Steven Young	Beecher Falls, VT	267	Coos	Donald Seymour	Antrim, NH	238	Hillsborough
2001	Larry Miles	North Conway, NH	260.6	Coos	Adam Carter	Bradford, VT	232	Coos
1994	Dennis McLaughlin	Barre, VT	257	Coos	Cary McQueen	Laconia, NH	230	Belknap
1992	Colby Morrison	Wentworth, NH	254	Grafton	Tim Leighton	Sugar Hill, NH	229	Grafton
2000	Carl Baker	Hyde Park, VT	254	Coos	John Foster	Manchester, NH	228	Hillsborough
2004	Bryan McMann	Stratford, NH	251.5	Coos	Christopher Roy	Bath, NH	226.8	Grafton
1995	Jeffrey Caulder	N. Woodstock, NH	250	Grafton	Steven Pendak	Concord, NH	225	Merrimack
2008	Michael Manita	Meredith, NH	250	Grafton	Kirby Gonyer	Lancaster, NH	225	Grafton
2010	Bruce Pearl	Gilmanton, NH	250	Carroll				

DEER KILL BY TOWN AND SEX DURING 2010

This is an alphabetical listing of New Hampshire towns with reported deer harvest in 2010. It gives the Wildlife Management Units (WMUs) that the town is part of, as well as the deer kill by sex and per square mile. The kill per square mile for towns in this table is expressed on the basis of square miles of land area. Towns not listed had no registered deer harvest in 2010.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ.MI.
ACWORTH	(H1)	40	14	54	1.39
ALBANY	(E/F/J1)	7	1	8	0.11
ALEXANDRIA	(G/I1)	12	0	12	0.28
ALLENSTOWN	(L)	24	9	33	1.63
ALSTEAD	(H1/H2)	40	12	52	1.34
ALTON	(J2)	64	35	99	1.56
AMHERST	(K/M)	32	21	53	1.57
ANDOVER	(G/I1)	22	5	27	0.67
ANTRIM	(H2/I2/K)	13	13	26	0.73
ASHLAND	(F/G/J2)	9	3	12	1.07
ATKINSON	(M)	15	10	25	2.24
ATKINSON & GIL. AC. GR.	(A)	5	0	5	0.26
AUBURN	(L/M)	48	48	96	3.79
BARNSTEAD	(J2)	42	22	64	1.50
BARRINGTON	(J2/L)	63	30	93	2.00
BARTLETT	(E)	7	0	7	0.09
BATH	(D2)	93	50	143	3.79
BEDFORD	(K/L/M)	34	23	57	1.74
BELMONT	(J2)	38	12	50	1.67
BENNINGTON	(H2/K)	11	6	17	1.52
BENTON	(D2)	5	1	6	0.12
BERLIN	(C1/C2)	6	7	13	0.21
BETHLEHEM	(D1/D2/E)	26	2	28	0.31
BOSCAWEN	(I1)	15	0	15	0.61
BOW	(I1/K/L)	37	20	57	2.04
BRADFORD	(I2)	17	1	18	0.51
BRENTWOOD	(L/M)	37	23	60	3.58
BRIDGEWATER	(G)	7	0	7	0.33
BRISTOL	(G/I1)	14	2	16	0.95
BROOKFIELD	(J1/J2)	12	3	15	0.66
BROOKLINE	(K/M)	26	24	50	2.52
CAMBRIDGE	(B/C2)	12	1	13	0.25
CAMPTON	(F)	21	1	22	0.42
CANAAN	(G)	41	11	52	0.98
CANDIA	(L/M)	42	21	63	2.08
CANTERBURY	(I1/J2)	43	8	51	1.17
CARROLL	(D1/E)	17	0	17	0.34
CENTER HARBOR	(J1/J2)	8	4	12	0.90
CHARLESTOWN	(H1)	31	32	63	1.77
CHATHAM	(E)	8	1	9	0.16
CHESTER	(M)	45	39	84	3.24
CHESTERFIELD	(H2)	29	16	45	0.99
CHICHESTER	(J2/L)	39	21	60	2.86
CLAREMONT	(H1)	76	40	116	2.71
CLARKSVILLE	(A)	54	12	66	1.09

DEER KILL BY TOWN AND SEX DURING 2010, CONT.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ.MI.
COLEBROOK	(A/B)	29	5	34	0.84
COLUMBIA	(B)	43	7	50	0.82
CONCORD	(I1/J2/K/L)	47	12	59	0.93
CONWAY	(E/F/J1)	34	1	35	0.50
CORNISH	(H1)	57	21	78	1.86
CROYDON	(H1/I2)	20	16	36	0.98
DALTON	(D1)	16	4	20	0.73
DANBURY	(G/I1)	9	0	9	0.24
DANVILLE	(M)	12	12	24	2.06
DEERFIELD	(L)	63	33	96	1.89
DEERING	(K)	24	11	35	1.16
DERRY	(M)	42	38	80	2.27
DIX'S GRANT	(A)	5	0	5	0.25
DIXVILLE	(A/B)	9	0	9	0.18
DORCHESTER	(G)	15	0	15	0.34
DOVER	(L)	41	23	64	2.40
DUBLIN	(H2)	19	9	28	1.00
DUMMER	(B/C1/C2)	26	3	29	0.60
DUNBARTON	(K)	37	24	61	2.09
DURHAM	(L)	39	23	62	2.77
EAST KINGSTON	(M)	25	19	44	4.46
EASTON	(D2)	4	0	4	0.13
EATON	(J1)	8	0	8	0.33
EFFINGHAM	(J1)	23	1	24	0.62
ELLSWORTH	(F)	1	0	1	0.05
ENFIELD	(G/H1)	57	12	69	1.72
EPPING	(L/M)	30	13	43	1.67
EPSOM	(J2/L)	48	50	98	2.87
ERROL	(A/B/C2)	21	5	26	0.43
ERVING'S LOCATION	(B)	1	0	1	0.27
EXETER	(L/M)	28	14	42	2.14
FARMINGTON	(J2)	36	27	63	1.74
FITZWILLIAM	(H2)	38	13	51	1.47
FRANCESTOWN	(K)	34	24	58	1.96
FRANCONIA	(D1/D2/E)	10	2	12	0.18
FRANKLIN	(I1)	13	1	14	0.51
FREEDOM	(J1)	37	5	42	1.22
FREMONT	(M)	21	20	41	2.38
GILFORD	(J2)	26	14	40	1.03
GILMANTON	(J2)	72	31	103	1.79
GILSUM	(H2)	13	8	21	1.27
GOFFSTOWN	(K)	52	23	75	2.03
GORHAM	(C1/C2/E)	5	0	5	0.16
GOSHEN	(I2/H1)	19	0	19	0.85
GRAFTON	(G)	20	2	22	0.53
GRANTHAM	(G/H1/I2)	14	6	20	0.74
GREENFIELD	(K)	18	8	26	0.98
GREENLAND	(M)	21	20	41	3.87
GREENVILLE	(K)	8	2	10	1.46
GROTON	(G)	4	0	4	0.10
HAMPSTEAD	(M)	19	11	30	2.25

DEER KILL BY TOWN AND SEX DURING 2010, CONT.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ.MI.
HAMPTON	(M)	19	13	32	2.46
HAMPTON FALLS	(M)	17	14	31	2.57
HANCOCK	(H2/K)	32	10	42	1.41
HANOVER	(G)	59	26	85	1.73
HARRISVILLE	(H2)	10	5	15	0.80
HART'S LOCATION	(E)	2	0	2	0.10
HAVERHILL	(D2)	79	35	114	2.23
HEBRON	(G)	4	1	5	0.30
HENNIKER	(I2/K)	34	8	42	1.00
HILL	(I1)	15	0	15	0.57
HILLSBORO	(H2/I2/K)	29	4	33	0.76
HINSDALE	(H2)	37	25	62	3.03
HOLDERNESS	(F/G/J1/J2)	16	4	20	0.66
HOLLIS	(M)	54	41	95	3.01
HOOKSETT	(K/L)	37	10	47	1.31
HOPKINTON	(I1/I2/K)	45	14	59	1.43
HUDSON	(M)	37	25	62	2.19
JACKSON	(E)	10	0	10	0.15
JAFFREY	(H2/K)	37	22	59	1.54
JEFFERSON	(C1/D1/E)	32	9	41	0.82
KEENE	(H2)	32	15	47	1.28
KENSINGTON	(M)	26	25	51	4.27
KINGSTON	(M)	32	17	49	2.51
LACONIA	(J2)	16	12	28	1.41
LANCASTER	(C1/D1)	37	15	52	1.04
LANDAFF	(D2)	27	9	36	1.27
LANGDON	(H1/H2)	14	13	27	1.67
LEBANON	(G/H1)	65	40	105	2.62
LEE	(L)	28	13	41	2.07
LEMPSTER	(H1/I2)	23	11	34	1.05
LINCOLN	(D2/E/F)	1	0	1	0.01
LISBON	(D2)	39	26	65	2.48
LITCHFIELD	(M)	10	16	26	1.75
LITTLETON	(D1/D2)	62	19	81	1.62
LONDONDERRY	(M)	50	41	91	2.17
LOUDON	(J2)	67	41	108	2.35
LYMAN	(D2)	37	29	66	2.32
LYME	(G)	76	17	93	1.73
LYNDEBOROUGH	(K)	33	14	47	1.57
MADBURY	(L)	14	12	26	2.25
MADISON	(F/J1)	26	2	28	0.73
MANCHESTER	(K/L/M)	12	5	17	0.52
MARLBOROUGH	(H2)	33	14	47	2.30
MARLOW	(H1/H2/I2)	18	11	29	1.13
MASON	(K)	31	15	46	1.93
MEREDITH	(I1/J2)	29	18	47	1.17
MERRIMACK	(M)	64	48	112	3.47
MIDDLETON	(J2)	13	4	17	0.94
MILAN	(B/C1/C2)	17	0	17	0.27
MILFORD	(K/M)	24	18	42	1.67
MILLSFIELD	(A/B)	19	0	19	0.42

DEER KILL BY TOWN AND SEX DURING 2010, CONT.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ.MI.
MILTON	(J2)	27	13	40	1.21
MONROE	(D2)	33	26	59	2.63
MONT VERNON	(K)	20	15	35	2.08
MOULTONBORO	(J1/J2)	39	26	65	1.09
NASHUA	(M)	17	11	28	0.92
NELSON	(H2)	12	10	22	1.00
NEW BOSTON	(K)	59	29	88	2.06
NEW CASTLE	(M)	2	0	2	2.54
NEW DURHAM	(J2)	33	20	53	1.29
NEW HAMPTON	(G/I1/J2)	28	5	33	0.90
NEW IPSWICH	(K)	29	14	43	1.32
NEW LONDON	(G/I1/I2)	13	3	16	0.72
NEWBURY	(I2)	17	0	17	0.48
NEWFIELDS	(L)	8	4	12	1.69
NEWINGTON	(M)	24	20	44	5.40
NEWMARKET	(L)	25	10	35	2.77
NEWPORT	(H1/I2)	46	10	56	1.30
NEWTON	(M)	20	15	35	3.59
NORTH HAMPTON	(M)	35	23	58	4.19
NORTHFIELD	(I1/J2)	31	6	37	1.30
NORTHUMBERLAND	(B/C1/D1)	20	3	23	0.64
NORTHWOOD	(J2/L)	40	19	59	2.10
NOTTINGHAM	(L)	46	18	64	1.37
ODELL	(B)	2	0	2	0.04
ORANGE	(G)	6	0	6	0.26
ORFORD	(D2/G)	41	12	53	1.14
OSSIPEE	(J1)	38	5	43	0.61
PELHAM	(M)	51	23	74	2.85
PEMBROKE	(L)	32	16	48	2.14
PETERBOROUGH	(H2/K)	38	23	61	1.62
PIERMONT	(D2)	39	10	49	1.27
PITTSBURG	(A)	160	28	188	0.67
PITTSFIELD	(J2)	32	18	50	2.11
PLAINFIELD	(H1)	84	33	117	2.24
PLAISTOW	(M)	15	5	20	1.89
PLYMOUTH	(F/G)	10	0	10	0.36
PORTSMOUTH	(M)	19	20	39	2.50
RANDOLPH	(C1/E)	9	0	9	0.19
RAYMOND	(L/M)	31	13	44	1.53
RICHMOND	(H2)	38	13	51	1.36
RINDGE	(H2/K)	45	26	71	1.92
ROCHESTER	(J2/L)	51	24	75	1.70
ROLLINSFORD	(L)	10	5	15	2.05
ROXBURY	(H2)	14	6	20	1.67
RUMNEY	(F/G)	13	0	13	0.31
RYE	(M)	31	28	59	4.72
SALEM	(M)	29	25	54	2.19
SALISBURY	(I1)	25	3	28	0.71
SANBORNTON	(I1/J2)	36	5	41	0.86
SANDOWN	(M)	18	13	31	2.23
SANDWICH	(F/J1)	29	0	29	0.32

DEER KILL BY TOWN AND SEX DURING 2010, CONT.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL	KILL/SQ.MI.
SEABROOK	(M)	9	4	13	1.46
SECOND COLL GRANT	(A)	9	1	10	0.24
SHARON	(K)	15	3	18	1.15
SHELBURNE	(C2/E)	14	0	14	0.29
SOMERSWORTH	(L)	7	5	12	1.24
SOUTH HAMPTON	(M)	21	14	35	4.44
SPRINGFIELD	(G/I2)	19	6	25	0.57
STARK	(B/C1)	12	3	15	0.26
STEWARTSTOWN	(A)	40	6	46	0.99
STODDARD	(H2/I2)	18	7	25	0.49
STRAFFORD	(J2)	64	23	87	1.79
STRATFORD	(B)	28	5	33	0.42
STRATHAM	(L/M)	23	18	41	2.71
SUCCESS	(C2)	8	0	8	0.14
SUGAR HILL	(D1/D2)	16	5	21	1.23
SULLIVAN	(H2)	15	3	18	0.97
SUNAPEE	(G/I2)	19	5	24	1.14
SURRY	(H2)	11	9	20	1.29
SUTTON	(I1/I2)	19	0	19	0.45
SWANZEY	(H2)	48	32	80	1.80
TAMWORTH	(F/J1)	22	3	25	0.42
TEMPLE	(K)	21	5	26	1.17
THORNTON	(F)	20	1	21	0.42
TILTON	(I1/J2)	6	4	10	0.90
TROY	(H2)	21	10	31	1.78
TUFTONBORO	(J1/J2)	41	6	47	1.16
UNITY	(H1)	33	17	50	1.35
WAKEFIELD	(J1/J2)	41	6	47	1.19
WALPOLE	(H1/H2)	36	17	53	1.51
WARNER	(I1/I2)	22	0	22	0.40
WARREN	(D2/F)	18	1	19	0.39
WASHINGTON	(I2)	17	2	19	0.42
WEARE	(K)	63	37	100	1.77
WEBSTER	(I1)	17	3	20	0.72
WENTWORTH	(D2/F/G)	19	1	20	0.48
WENTWORTH'S LOCATION	(A/C2)	4	0	4	0.22
WESTMORELAND	(H2)	37	24	61	1.70
WHITEFIELD	(D1)	28	2	30	0.88
WILMOT	(G/I1)	10	1	11	0.37
WILTON	(K)	24	6	30	1.18
WINCHESTER	(H2)	43	30	73	1.34
WINDHAM	(M)	38	26	64	2.40
WINDSOR	(I2)	3	0	3	0.37
WOLFEBORO	(J1/J2)	31	10	41	0.85
WOODSTOCK	(D2/F)	1	0	1	0.02
TOTAL		**6781**	**2978**	**9759**	**1.09**

DEER KILL BY COUNTY, SEX AND HUNTER RESIDENCY DURING 2010

Note: The kill per square mile by county in the rightmost column of this table is expressed on the basis of square miles of land area.

	NH RESIDENTS		NON-RESIDENTS		TOTAL		GRAND	TOTAL KILL PER
COUNTY	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE	TOTAL	SQ. MI.
BELKNAP	346	152	19	10	365	162	527	1.31
CARROLL	355	67	60	3	415	70	485	0.52
CHESHIRE	508	274	136	63	644	337	981	1.37
COOS	497	98	191	18	688	116	804	0.44
GRAFTON	774	272	246	76	1020	348	1368	0.79
HILLSBOROUGH	830	478	88	39	918	517	1435	1.61
MERRIMACK	732	260	35	14	767	274	1041	1.12
ROCKINGHAM	939	642	87	64	1026	706	1732	2.51
STRAFFORD	394	202	32	20	426	222	648	1.72
SULLIVAN	431	186	81	40	512	226	738	1.37
TOTAL	**5806**	**2631**	**975**	**347**	**6781**	**2978**	**9759**	**1.09**

NUMBER AND PERCENT (%) OF DEER KILL BY SEX AND SEASON FOR 1987-2010

	MALE KILL AND % OF MALE KILL				FEMALE KILL AND % OF FEMALE KILL				TOTAL
YEAR	ARCHERY	YOUTH	MUZZLE.	FIREARM	ARCHERY	YOUTH	MUZZLE.	FIREARM	KILL
1987	138 (4%)	0 (0%)	445 (12%)	3201 (85%)	119 (5%)	0 (0%)	446 (19%)	1772 (76%)	6121
1988	119 (3%)	0 (0%)	659 (16%)	3462 (82%)	106 (6%)	0 (0%)	462 (25%)	1317 (70%)	6125
1989	248 (5%)	0 (0%)	814 (16%)	4061 (79%)	241 (11%)	0 (0%)	526 (25%)	1348 (64%)	7238
1990	238 (5%)	0 (0%)	817 (16%)	4118 (80%)	246 (9%)	0 (0%)	592 (22%)	1861 (69%)	7872
1991	353 (6%)	0 (0%)	889 (15%)	4686 (79%)	380 (13%)	0 (0%)	740 (26%)	1749 (61%)	8797
1992	592 (9%)	0 (0%)	1178 (18%)	4815 (73%)	610 (17%)	0 (0%)	1007 (28%)	2013 (55%)	10215
1993	441 (7%)	0 (0%)	1375 (21%)	4685 (72%)	437 (13%)	0 (0%)	994 (29%)	1957 (58%)	9889
1994	432 (8%)	0 (0%)	967 (17%)	4243 (75%)	469 (17%)	0 (0%)	975 (36%)	1293 (47%)	8379
1995	718 (10%)	0 (0%)	1474 (20%)	5208 (70%)	863 (23%)	0 (0%)	1364 (36%)	1580 (42%)	11207
1996	729 (11%)	0 (0%)	2015 (29%)	4152 (60%)	733 (21%)	0 (0%)	1203 (35%)	1531 (44%)	10363
1997	829 (11%)	0 (0%)	1841 (24%)	4915 (65%)	929 (22%)	0 (0%)	1201 (28%)	2085 (49%)	11800
1998	727 (12%)	0 (0%)	1653 (27%)	3840 (62%)	822 (23%)	0 (0%)	1471 (41%)	1272 (36%)	9785
1999	946 (14%)	41 (1%)	1803 (26%)	4029 (59%)	1035 (27%)	54 (1%)	1457 (38%)	1338 (34%)	10703
2000	968 (13%)	89 (1%)	1814 (24%)	4601 (62%)	1002 (30%)	104 (3%)	1095 (32%)	1186 (35%)	10859
2001	797 (12%)	84 (1%)	1631 (25%)	4035 (62%)	780 (30%)	119 (5%)	630 (24%)	1067 (41%)	9143
2002	925 (12%)	101 (1%)	1862 (24%)	4839 (63%)	929 (28%)	159 (5%)	1049 (31%)	1225 (36%)	11089
2003	882 (13%)	138 (2%)	1564 (24%)	3953 (60%)	959 (32%)	196 (7%)	766 (26%)	1034 (35%)	9492
2004	1001 (16%)	120 (2%)	1336 (21%)	4000 (62%)	1157 (31%)	192 (5%)	858 (23%)	1469 (40%)	10133
2005	910 (13%)	139 (2%)	1582 (22%)	4421 (63%)	1061 (30%)	187 (5%)	967 (27%)	1328 (37%)	10595
2006	1452 (19%)	301 (4%)	1605 (21%)	4470 (57%)	1526 (39%)	367 (9%)	879 (22%)	1166 (30%)	11766
2007	1765 (20%)	296 (3%)	1766 (20%)	4997 (57%)	2043 (43%)	346 (7%)	1021 (22%)	1325 (28%)	13559
2008	1219 (17%)	153 (2%)	1910 (27%)	3912 (54%)	1416 (38%)	188 (5%)	830 (22%)	1288 (35%)	10916
2009	1233 (18%)	139 (2%)	1628 (24%)	3772 (56%)	1445 (40%)	224 (6%)	770 (21%)	1173 (32%)	10384
2010	1023 (15%)	175 (3%)	1559 (23%)	4024 (59%)	961 (32%)	217 (7%)	660 (22%)	1140 (38%)	9759

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2010 BLACK BEAR HARVEST SUMMARY

Bear hunting seasons are structured to meet bear population goals across our state's six bear management regions, as specified in the 2006-2015 Big Game Population Management Plan. If population objectives of the current plan are reached, the statewide bear population will approach 5,000 bears or 0.5 bear/mi^2. New Hampshire's current bear management goals are to stabilize the population in the north, reduce the population in the White Mountains region and allow for measured population growth in central and southern portions of the state.

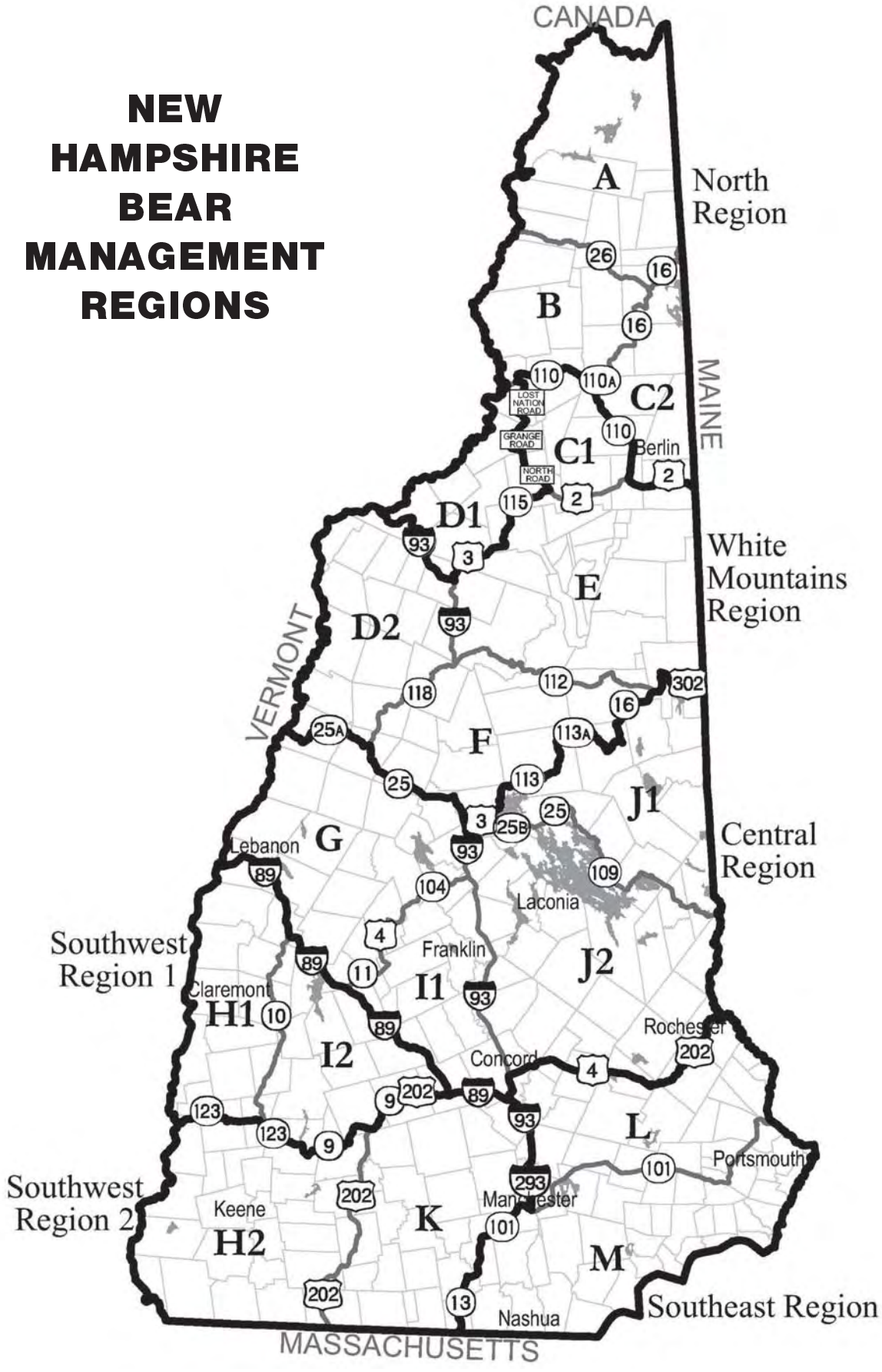
Hunters took 707 black bears in New Hampshire during the 2010 season. This represents the third highest bear harvest in New Hampshire history. The 2010 harvest was 36% above the preceding 5-year average of 520 bears. During most years, hunters typically harvest 10-12% of the estimated statewide bear population. The 2010 harvest approximated 15% of the New Hampshire bear population.

The 2010 bear season, both in terms of annual food availability and overall harvest, was very similar to the previous season. Surveys conducted by Department staff, as well as reports from hunters, indicated that mast conditions last fall were again variable across the state and overall production by most species was below average. For the second consecutive year, acorns represented the most abundant bear food in most areas. Beechnuts were again nearly absent statewide. Apples produced poorly, presumably as a result of hard frosts that damaged blossoms during May. Other soft mast species including blackberry, raspberry, mountain ash and black cherry produced below average crops and did not represent significant food sources for bears. Choke cherries were generally abundant and heavily utilized by bears early in the season.

The vulnerability of bears to hunting is closely correlated with the diversity, distribution and abundance of fall food. The fact that bear harvest increases, often dramatically, during poor food years has been well documented. While mast production by many species has been generally poor during the past two years, select species (mainly oak) have produced decent crops. When food production is patchy, bears tend to congregate at specific feeding locations or in select habitat types and become predictable and more easily patterned by hunters. Hunters had high success encountering bears in oak stands and cornfields during 2010. The increased harvest was also influenced by the continued growing popularity of bear baiting; a hunting method that results in a higher hunter success rate. While the annual harvest will always be heavily influenced by food conditions, hunter methods also exert a significant impact on harvest.

During 2010, bear management activities continued to generate essential information for responsible bear population stewardship. Current management programs are based on biological data collected during bear registration, and through bear observation rates derived from hunter surveys.

NEW HAMPSHIRE BEAR MANAGEMENT REGIONS



REGIONAL BEAR POPULATION MANAGEMENT GOALS

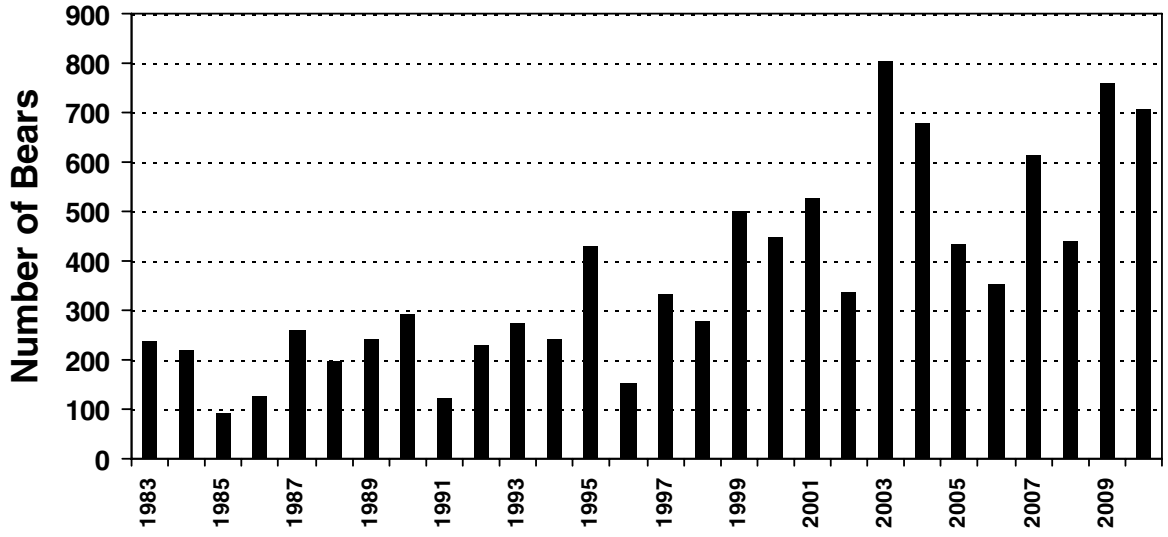
Black bear management decisions through 2015 will be based on our current Big Game Population Management Plan goals, derived through a detailed public input process. These goals and current population status are summarized in the following table, where population goals, population estimates and desired population change are all expressed in terms of bears per square mile.

REGION	2006-2015 MANAGEMENT GOAL	CURRENT POPULATION ESTIMATE*	DESIRED CHANGE
NORTH	0.6	0.53	+0.07
WHITE MOUNTAINS	0.8	0.96	-0.16
CENTRAL	0.6	0.50	+0.10
SOUTHWEST 1	0.5	0.52	-0.02
SOUTHWEST 2	0.5	0.35	+0.15
SOUTHEAST	0.2	0.08	+0.12

*2010 data were not available for inclusion in this estimate when this report was written.

TOTAL BEAR HARVEST FOR 1983-2010 HUNTING SEASONS

Total bear harvest is the combined take of bait, hound and still hunters. As illustrated in the graph below, bear harvest has increased notably over the past two decades. Periodic drops in harvest generally occur during abundant mast years. Such circumstances prompt less foraging movement by bears which decreases the vulnerability of bears to hunting. Conversely, peaks in harvest generally occur during poor mast years and reflect increased harvest vulnerability as a result of increased bear movements associated with food searching. The highest bear harvests in New Hampshire history have been achieved during the past decade with the five highest harvests occurring in the past eight years. Historic highs in bear harvest reflect: 1) a strong bear population, 2) increased hunting pressure – the number of individuals specifically hunting for bears has risen significantly in the past decade, 3) increased hunting opportunity – the entire state was opened to bear hunting beginning in 1998, and 4) changes in method-specific hunter effort – the growing popularity of hunting bears with bait has resulted in higher hunter success rates thereby increasing harvest levels.



BEAR HARVEST BY METHOD (1990-2010)

A total of 707 bears were harvested during the 2010 bear season. The 2010 bear harvest was 36% above the preceding 5-year average (520 bears) and 7% lower than the 2009 tally (758 bears). Percent harvest by method in recent years has averaged 43% by still hunters, 46% by bait hunters and 11% by hound hunters. Percent harvest by method during 2010 was 35% by still hunters, 53% by bait hunters and 12% by hound hunters. The percentage of the annual harvest taken by hound hunters last fall remained relatively consistent with recent averages, however the percentage taken by bait hunters increased and the proportion taken by still hunters decreased. Annual variations in method-specific harvest percentages are expected due to annual changes in the distribution and abundance of food as well as hunter effort.

The number of bears taken during the deer season in late October and early November varies on an annual basis and is influenced by many factors. Fall food conditions and their impact on the timing of denning, likely has the greatest influence. However, season length and the degree of overlap between the bear and deer season does play a significant role. During poor food years, bears den earlier and therefore are less vulnerable to opportunistic harvest by deer hunters. During strong food years, bears delay den entry and remain active later into fall, resulting in a greater percentage of bears being harvested during the deer season. Statewide, 15% of the still hunter harvest occurred during the gun portion of the deer season in 2010, including 10% and 5% taken during the muzzleloader and regular firearms deer seasons, respectively. This percentage was nearly identical to 2009 when 16% of the still hunter harvest occurred during the muzzleloader and rifle deer seasons. This similarity was likely due to the fact that fall food conditions were generally similar and season overlap (between bear and deer) was identical during the past two years. Of the state's six bear management regions, four were open to bear hunting during the muzzleloader deer season and one was open (for 14 days) during the regular firearms deer season.

YEAR	HUNTING METHOD			TOTAL
	STILL	BAIT	HOUND	
1990	105	114	72	291
1991	79	15	29	123
1992	157	34	39	230
1993	171	52	51	274
1994	153	39	47	239
1995	301	72	55	428
1996	62	52	38	152
1997	202	69	64	335
1998	181	53	45	279
1999	313	117	69	499
2000	294	118	37	449
2001	295	169	63	527
2002	203	92	43	338
2003	462	274	67	803
2004	343	244	92	679
2005	190	179	65	434
2006	149	152	51	352
2007	277	278	60	615
2008	209	176	55	440
2009	295	372	91	758
2010	252	372	83	707

REGIONAL DISTRIBUTION OF BEAR HARVEST (1990-2010)

The White Mountains region accounted for the largest regional harvest tally at 232 (33%) bears. The Central and North regions followed with 227 (32%) and 183 (26%) bears, respectively. Harvest is typically highest in the White Mountains region while harvest tallies in the North and Central regions have a tendency to fluctuate between the second and third highest. The fact that the greatest percentage of the statewide harvest consistently comes from the White Mountains region coincides well with the goal to reduce the bear population in that region. Despite flux between the North and Central regions, approximately 20-30% of the statewide harvest typically comes from each of these regions. Regional harvest percentages for Southwest-1 and 2 (7% and 2%, respectively) were consistent with recent averages (7% and 4%, respectively). No bears were harvested in the Southeast region in 2010. The bear take in this region is low (< 1%) each year.

YEAR	MANAGEMENT REGION						TOTAL
	NORTH	WT-MTS	CENTRAL	S-WEST(1)	S-WEST(2)	S-EAST	
1990	108	125	58	0	0	0	291
1991	28	49	46	0	0	0	123
1992	55	88	84	3	0	0	230
1993	78	131	65	0	0	0	274
1994	48	84	104	3	0	0	239
1995	100	170	156	2	0	0	428
1996	46	57	49	0	0	0	152
1997	99	120	106	10	0	0	335
1998	68	94	95	16	5	1	279
1999	144	180	138	32	4	1	499
2000	116	162	143	21	7	0	449
2001	134	195	156	31	11	0	527
2002	65	101	124	38	7	3	338
2003	254	242	238	56	12	1	803
2004	158	227	177	88	27	2	679
2005	126	148	112	35	9	4	434
2006	65	108	99	49	23	8	352
2007	165	200	180	42	23	5	615
2008	113	136	137	35	18	1	440
2009	198	249	229	57	25	0	758
2010	183	232	227	52	13	0	707

BEAR HARVEST SEX RATIOS (1990-2010)

Since 1990, the bear harvest sex ratio has averaged 1.3 males per female. Higher mortality rates for males result in females being more abundant than males in our bear population, but this is rarely apparent in our harvest data. During poor mast years, female harvest tends to increase relative to male harvest, with the result being that females can approach or exceed males in the harvest (e.g., 2003). During years with abundant mast, males are more vulnerable than females to harvest and therefore account for a larger percentage of the harvest. The harvest sex ratio in 2010 of 1.0 males per female was below the long-term average thereby indicating that the percentage of females to males in the harvest was higher than normal. Over the long-term, male-biased harvest sex ratios continue to correspond well with the bear population management goals in most regions of the state.

YEAR	FEMALE	MALE	UNKNOWN	MALES:FEMALE	TOTAL
1990	112	179	0	1.6	291
1991	46	77	0	1.7	123
1992	91	139	0	1.5	230
1993	112	162	0	1.4	274
1994	103	136	0	1.3	239
1995	206	222	0	1.1	428
1996	55	97	0	1.8	152
1997	127	206	2	1.6	335
1998	124	155	0	1.3	279
1999	216	283	0	1.3	499
2000	190	259	0	1.4	449
2001	223	304	0	1.4	527
2002	141	197	0	1.4	338
2003	420	383	0	0.9	803
2004	313	366	0	1.2	679
2005	190	244	0	1.3	434
2006	139	213	0	1.5	352
2007	262	353	0	1.3	615
2008	192	248	0	1.3	440
2009	344	414	0	1.2	758
2010	345	362	0	1.0	707

BEAR HARVEST BY REGION, WMU AND METHOD DURING 2010

This table summarizes the 2010 bear harvest by region, wildlife management unit (WMU) and hunting method. The decision to manage on a regional rather than WMU basis is driven in part by the sample size of harvested bears necessary for reliable data analysis. At the individual WMU level, our samples are not large enough to allow for a meaningful assessment of local bear populations.

The popularity and impact of bear hunting methods varies regionally in New Hampshire. Regional bear hunting preferences are documented from harvest statistics and are a result of tradition, landscape and access. Bait hunting for bear is most popular in the North and White Mountains and becomes a less prevalent method of bear hunting in the more southern management regions. However, increased participation in bear baiting is becoming more evident in the Central region. Still hunting for bear is the most prominent method of harvest in the Southwest-1 region. Houndsmen take a lower percentage of the harvest in all regions compared to bait and still hunters, however hunting bears with dogs is most widespread in the Central region.

		METHOD OF HARVEST			
REGION	**UNIT**	**STILL**	**BAIT**	**HOUND**	**TOTAL**
	A	1	53	3	57
	B	6	31	7	44
NORTH	C2	1	14	9	24
	D1	24	30	4	58
	ALL	**32**	**128**	**23**	**183**
	C1	8	12	3	23
	D2	43	32	4	79
WHITE MTNS	E	16	34	0	50
	F	22	51	7	80
	ALL	**89**	**129**	**14**	**232**
	G	36	48	7	91
	I1	23	16	8	47
CENTRAL	J1	12	19	22	53
	J2	15	14	7	36
	ALL	**86**	**97**	**44**	**227**
	H1	19	2	1	22
SOUTHWEST 1	I2	22	7	1	30
	ALL	**41**	**9**	**2**	**52**
	H2	3	6	0	9
SOUTHWEST 2	K	1	3	0	4
	ALL	**4**	**9**	**0**	**13**
	L	0	0	0	0
SOUTHEAST	M	0	0	0	0
	ALL	**0**	**0**	**0**	**0**
STATEWIDE	**TOTAL**	**252**	**372**	**82**	**707**

BEAR HARVEST BY METHOD AND SEX DURING 2010

Harvest sex ratios play a role in management decision-making due to the impact that female harvest has on bear populations. Harvest sex ratios in New Hampshire vary slightly by year but often vary substantially between hunting methods. Historically, all three hunting methods tend to harvest more males than females. This is seemingly due to higher movements by males that predispose them to increased harvest (and other mortality). During 2010, bait hunters harvested more males than females, still hunters took an equal number of each and hound hunters took more females than males.

METHOD	FEMALE	MALE	MALES:FEMALE	TOTAL
STILL	126	126	1.0	252
BAIT	173	199	1.2	372
HOUND	46	37	0.8	83
TOTAL	**345**	**362**	**1.0**	**707**

BEAR HARVEST BY REGION AND SEX DURING 2010

Harvest sex ratios in the White Mountains and Southwest-2 regions were consistent with New Hampshire's long-term statewide average of 1.3 males per female (1990-2010), reflecting a higher male component in the harvest. The harvest sex ratios in the North, Central and Southwest-1 regions were below the long-term statewide average indicating that females accounted for a higher than average percentage of the harvest. The lower (female-biased) harvest sex ratios in these regions may have been caused by differences in food availability between these areas. Poor food conditions tend to mask differential vulnerability as females become equally susceptible to harvest as males. Because females outnumber males in the population, the number of females in the harvest can equal or exceed the number of males. Other factors, including the age and sex structure of the population, the preferred method of harvest in a given region and hunter selectivity can also influence harvest sex ratios at the regional level.

REGION	FEMALE	MALE	MALES:FEMALE	TOTAL
NORTH	100	83	0.8	183
WHITE MTN	98	134	1.4	232
CENTRAL	113	114	1.0	227
S-WEST 1	31	21	0.7	52
S-WEST 2	3	10	3.3	13
SOUTHEAST	0	0	--	0
TOTAL	**345**	**362**	**1.0**	**707**

AVERAGE AGE OF HARVESTED BEARS (1997-2009)

Age data derived from premolars collected during bear registration are the backbone of New Hampshire's bear management program. We use age data to calculate age-specific male and female mortality rates. Knowing these rates allows us to back-calculate a statewide population estimate from annual mortality data. Regional sighting rates derived from hunter surveys, coupled with knowledge of the amount of bear habitat in each management region, allows us to partition our population across our six management regions. The New Hampshire bear management recipe is quite complex and places heavy reliance on bear age data.

SEX	YEAR												
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
FEMALES	5.8	5.5	5.4	5.3	5.3	6.0	5.8	5.7	5.5	5.8	5.8	5.3	5.3
MALES	4.4	5.0	3.9	4.9	3.7	4.5	3.3	4.0	4.0	4.3	3.2	3.8	3.4

* 2010 age data were not available for inclusion in this report at the time of printing.

NEW HAMPSHIRE HEAVYWEIGHTS

The following table summarizes record weights (actual dressed weights) for black bears harvested in New Hampshire through 2010. It is important to note that not all harvested bears are weighed. However, it is likely that a high percentage of large bears are weighed due to hunter interest.

TEN HEAVIEST BEARS* HARVESTED IN NEW HAMPSHIRE

RANK	WEIGHT	AGE	METHOD	WMU	TOWN	YEAR
1	552	9.5	HOUND	F	WARREN	2007
2	540	**	BAIT	C2	SHELBURNE	2010
3	532	N/A	STILL	D1	BETHLEHEM	2005
4	494	12.5	HOUND	D1	BETHLEHEM	2002
4	494	10.5	HOUND	J1	SANDWICH	2001
4	494	17.5	HOUND	E	BARTLETT	1997
7	493	14.5	HOUND	E	CHATHAM	1993
8	486	11.5	HOUND	D1	BETHLEHEM	2001
9	483	11.5	STILL	C2	SUCCESS	1993
10	482	13.5	HOUND	D2	ORFORD	2004

* All the bears in this table are male.
** 2010 age data were not available for inclusion in this report at the time of printing.

BEAR HARVEST BY TOWN, WMU AND SEX DURING 2010

The following table summarizes the 2010 bear harvest by town. Towns where no bears were killed are excluded from this table.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL
ACWORTH	(H1)	1	1	2
ALBANY	(E/F/J1)	8	2	10
ALEXANDRIA	(G/I1)	4	0	4
ALTON	(J2)	2	1	3
ANDOVER	(G/I1)	2	3	5
ANTRIM	(H2/I2/K)	1	0	1
ASHLAND	(F/G/J2)	0	2	2
ATKINSON & GIL. AC. GR.	(A)	1	1	2
BARTLETT	(E)	6	3	9
BATH	(D2)	5	4	9
BEAN'S PURCHASE	(E)	1	0	1
BENTON	(D2)	1	4	5
BERLIN	(C1/C2)	3	3	6
BETHLEHEM	(D1/D2/E)	7	2	9
BOSCAWEN	(I1)	1	1	2
BOW	(I1/K/L)	1	0	1
BRADFORD	(I2)	3	1	4
BRIDGEWATER	(G)	4	4	8
BRISTOL	(G/I1)	0	3	3
BROOKFIELD	(J1/J2)	2	3	5
CAMBRIDGE	(B/C2)	0	1	1
CAMPTON	(F)	10	6	16
CANAAN	(G)	1	7	8
CARROLL	(D1/E)	1	6	7
CENTER HARBOR	(J1/J2)	1	0	1
CHARLESTOWN	(H1)	4	1	5
CHATHAM	(E)	3	0	3
CLAREMONT	(H1)	2	0	2
CLARKSVILLE	(A)	2	9	11
COLEBROOK	(A/B)	4	8	12
COLUMBIA	(B)	9	9	18
CONCORD	(I1/J2/K/L)	2	0	2
CONWAY	(E/F/J1)	6	3	9
CROYDON	(H1/I2)	1	1	2
DALTON	(D1)	3	5	8
DANBURY	(G/I1)	4	5	9
DIX'S GRANT	(A)	0	1	1
DIXVILLE	(A/B)	0	2	2
DORCHESTER	(G)	2	3	5
DUMMER	(B/C1/C2)	3	3	6
EASTON	(D2)	1	1	2
EATON	(J1)	0	1	1
EFFINGHAM	(J1)	0	2	2
ENFIELD	(G/H1)	3	0	3
EPSOM	(J2/L)	1	0	1

BEAR HARVEST BY TOWN, WMU AND SEX DURING 2010, CONT.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL
ERROL	(A/B/C2)	2	3	5
FRANCONIA	(D1/D2/E)	3	1	4
FRANKLIN	(I1)	1	1	2
FREEDOM	(J1)	2	1	3
GILMANTON	(J2)	1	0	1
GILSUM	(H2)	0	1	1
GORHAM	(C1/C2/E)	4	1	5
GOSHEN	(I2/H1)	0	1	1
GRAFTON	(G)	2	1	3
GRANTHAM	(G/H1/I2)	1	1	2
GROTON	(G)	1	1	2
HANOVER	(G)	3	1	4
HART'S LOCATION	(E)	2	0	2
HAVERHILL	(D2)	13	3	16
HEBRON	(G)	1	1	2
HENNIKER	(I2/K)	1	3	4
HILL	(I1)	3	2	5
HILLSBORO	(H2/I2/K)	1	4	5
HOLDERNESS	(F/G/J1/J2)	2	4	6
JACKSON	(E)	1	3	4
JAFFREY	(H2/K)	1	0	1
JEFFERSON	(C1/D1/E)	10	7	17
LACONIA	(J2)	1	1	2
LANCASTER	(C1/D1)	14	6	20
LANDAFF	(D2)	3	5	8
LEBANON	(G/H1)	1	1	2
LEMPSTER	(H1/I2)	1	2	3
LINCOLN	(D2/E/F)	2	3	5
LISBON	(D2)	5	2	7
LITTLETON	(D1/D2)	5	6	11
LIVERMORE	(E/F)	1	2	3
LYMAN	(D2)	1	1	2
LYME	(G)	3	5	8
MARLBOROUGH	(H2)	0	1	1
MARLOW	(H1/H2/I2)	0	1	1
MEREDITH	(I1/J2)	2	1	3
MIDDLETON	(J2)	1	0	1
MILAN	(B/C1/C2)	3	5	8
MILLSFIELD	(A/B)	1	0	1
MILTON	(J2)	0	1	1
MONROE	(D2)	1	0	1
MOULTONBORO	(J1/J2)	6	6	12
NEW DURHAM	(J2)	2	2	4
NEW HAMPTON	(G/I1/J2)	3	2	5
NEW IPSWICH	(K)	1	0	1
NEW LONDON	(G/I1/I2)	0	2	2
NEWBURY	(I2)	1	2	3
NEWPORT	(H1/I2)	0	2	2
NORTHUMBERLAND	(B/C1/D1)	2	2	4
ODELL	(B)	1	0	1
ORANGE	(G)	2	4	6
ORFORD	(D2/G)	4	8	12

BEAR HARVEST BY TOWN, WMU AND SEX DURING 2010, CONT.

TOWN	WMUs IN TOWN	MALE	FEMALE	TOTAL
OSSIPEE	(J1)	7	7	14
PIERMONT	(D2)	3	4	7
PITTSBURG	(A)	4	12	16
PITTSFIELD	(J2)	1	0	1
PLAINFIELD	(H1)	2	2	4
PLYMOUTH	(F/G)	5	3	8
RANDOLPH	(C1/E)	6	1	7
RICHMOND	(H2)	0	1	1
RUMNEY	(F/G)	5	2	7
SALISBURY	(I1)	4	7	11
SANBORNTON	(I1/J2)	5	3	8
SANDWICH	(F/J1)	7	7	14
SHELBURNE	(C2/E)	3	2	5
SPRINGFIELD	(G/I2)	3	4	7
STARK	(B/C1)	3	3	6
STEWARTSTOWN	(A)	8	5	13
STODDARD	(H2/I2)	1	1	2
STRAFFORD	(J2)	1	0	1
STRATFORD	(B)	8	6	14
SUGAR HILL	(D1/D2)	0	1	1
SULLIVAN	(H2)	2	0	2
SUTTON	(I1/I2)	0	4	4
TAMWORTH	(F/J1)	4	5	9
TEMPLE	(K)	2	0	2
THORNTON	(F)	3	11	14
TILTON	(I1/J2)	0	1	1
TUFTONBORO	(J1/J2)	5	4	9
UNITY	(H1)	0	1	1
WAKEFIELD	(J1/J2)	2	0	2
WARREN	(D2/F)	3	3	6
WASHINGTON	(I2)	3	1	4
WATERVILLE VALLEY	(E/F)	0	1	1
WEBSTER	(I1)	4	1	5
WENTWORTH	(D2/F/G)	3	3	6
WENTWORTH'S LOCATION	(A/C2)	1	0	1
WHITEFIELD	(D1)	3	6	9
WILMOT	(G/I1)	3	2	5
WINCHESTER	(H2)	1	0	1
WINDSOR	(I2)	0	1	1
WOLFEBORO	(J1/J2)	3	3	6
WOODSTOCK	(D2/F)	6	2	8
TOTAL		**362**	**345**	**707**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2010 MOOSE HARVEST SUMMARY

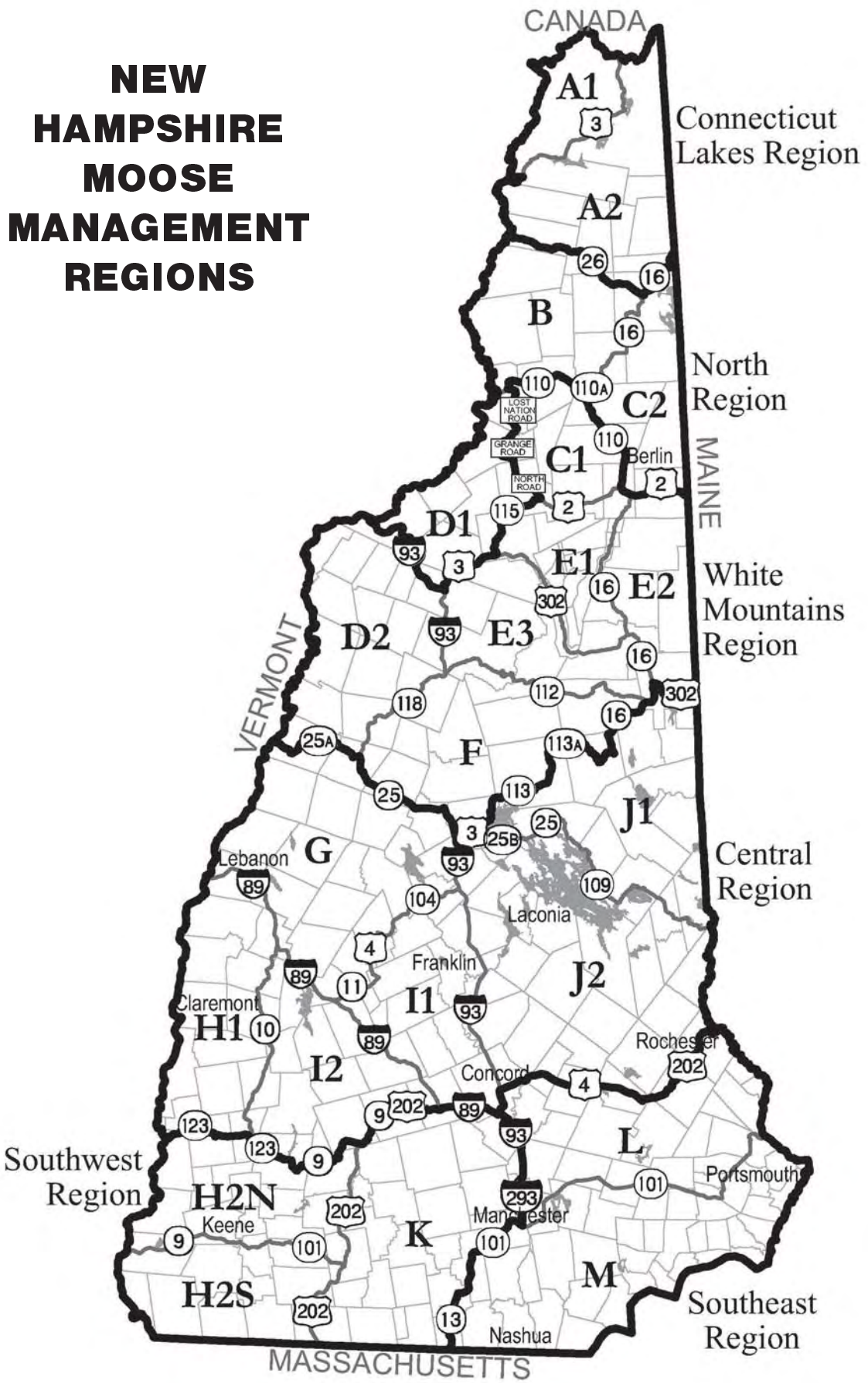
The 2010 New Hampshire moose season took place from Oct. 16 through Oct. 24. Weather throughout the season was excellent, with cold crisp mornings and daytime temperatures that at least in the north country never got above 55 degrees. Due to the low temperatures, hunters were reporting a lot of moose activity. The statewide hunter success rate increased concurrently from 65% in 2009 to 76%. A total of 399 moose permits were issued, 354 either-sex and 45 antlerless-only. This is down from the previous year's issuance of 516 permits. Five permits were auctioned off by the Wildlife Heritage Foundation of New Hampshire. The auction of these five permits raised approximately $39,430 for use in support of important department projects. In addition, 2 permits were donated to the Hunt of a Lifetime program, which provides hunting opportunities for terminally ill and handicapped children. All results provided in this report include these additional permits.

During the 9-day season, 302 moose were taken. The take consisted of 200 (66%) adult bulls, 93 (31%) adult cows and 9 (3%) calves. Success rate for all permits combined was 76%; 75% for either-sex permits and 78% for antlerless-only permits. Regional success rates were similar to or up from last year in all regions. The regional adult harvest sex ratio (bulls per cow) for either-sex permits was quite variable this year: (Connecticut Lakes – 4.6:1, North – 3.9:1, White Mtn – 9.5:1, Central – 2.1:1 and S. West – 0.38:1 and S. East – 1.67:1).

Hunters traveled from 14 states and one province to participate in the 2010 season. Non-residents took 60 moose (20%), while residents took the remaining 242 moose (80%). Moose were taken by rifle (289), muzzleloader (6), shotgun (4), and handgun (3). The preferred rifle caliber was the 30.06. Permittees accounted for 76% of the moose harvest (231) while subpermittees accounted for 24% (71). Women took 12 moose and 64% of the 2010 moose harvest was taken in the first three days of the season.

The oldest hunter was Frank Chase Jr, an 84-year-old gentleman who took a 490-lb, 2.5 year old bull with a 21.75 inch spread. The youngest hunter was 11-year-old Luke Beaulieu, who took a 5.5 year old bull with a 56.5 -inch spread using a 50 caliber muzzleloader. The largest bull of the season weighed 970 lbs and was taken in WMU E2 by Leslie Fox. Jack Middleton took the bull with the largest spread (68.5 in) in WMU A2. This is a new spread record for antlers measured by the Fish and Game Department. Wendy Sheridan took the largest cow (730 lbs) in WMU B. All recorded weights are the dressed weight. To determine an approximate live weight multiply the dressed weight of adult moose by 1.46 and the dressed weight of calves by 1.61.

NEW HAMPSHIRE MOOSE MANAGEMENT REGIONS



NH MOOSE POPULATION MANAGEMENT GOALS BY REGION EXPRESSED AS MOOSE SEEN PER 100 DEER-HUNTER HOURS

REGION	RECOMMENDED GOAL	CURRENT LEVEL *	DESIRED CHANGE
CT. LAKES	7.40	7.40	0%
NORTH	6.00	5.72	+5%
WHITE MOUNTAINS	3.00	2.13	+41%
CENTRAL	1.50	1.26	+19%
S. WEST	1.30	0.83	+57%
S. EAST	0.50	0.55	-9%

*Moose seen per 100 hunter hours, 2008-2010.

SUMMARY OF N.H. MOOSE LOTTERY AND HARVEST

YEAR	TOTAL PAID APPLICATIONS	TOTAL PERMITS DRAWN (ISSUED*)	RESIDENT ODDS OF BEING DRAWN	STATEWIDE HARVEST				PERCENT CALVES & COWS	HUNTER SUCCESS RATE
				BULLS	COWS	CALVES	TOTAL		
1988	5,915	75 (75)	1 IN 76	37	15	5	57	35%	76%
1989	5,504	75 (75)	1 IN 71	33	22	4	59	44%	79%
1990	5,707	75 (75)	1 IN 72	39	11	3	53	26%	71%
1991	5,122	100 (100)	1 IN 49	64	21	4	89	28%	89%
1992	8,702	190 (190)	1 IN 45	117	48	7	172	32%	91%
1993	10,044	317 (317)	1 IN 30	188	79	14	281	33%	89%
1994	11,572	405 (405)	1 IN 27	204	84	17	305	33%	75%
1995	14,150	495 (495)	1 IN 26	256	104	24	384	33%	78%
1996	14,398	495 (493)	1 IN 26	257	97	20	374	31%	76%
1997	15,161	570 (569)	1 IN 23	248	152	28	428	42%	75%
1998	15,942	570 (569)	1 IN 25	235	139	33	407	42%	72%
1999	13,090	570 (570)	1 IN 20	227	155	24	406	44%	71%
2000	13,984	585 (581)	1 IN 20	225	138	15	378	40%	65%
2001	14,943	585 (584)	1 IN 20	250	144	25	419	40%	72%
2002	14,888	485 (484)	1 IN 23	209	127	19	355	41%	73%
2003	14,402	485 (482)	1 IN 23	236	118	8	362	35%	75%
2004	15,505	525 (522)	1 IN 23	280	96	12	388	28%	74%
2005	15,837	525 (526)	1 IN 24	269	125	14	408	34%	78%
2006	16,344	675 (673)	1 IN 18	268	157	24	449	40%	67%
2007	16,779	675 (678)	1 IN 18	310	148	24	482	36%	71%
2008	16,144	515 (516)	1 IN 22	180	132	21	333	46%	65%
2009	15,723	515 (521)	1 IN 22	180	130	23	341	45%	65%
2010	15,229	395 (399)	1 IN 27	200	93	9	302	34%	76%

*Permits issued may differ from permits drawn due to failure of permittees to meet eligibility requirements, medical or military deferments, and permits issued through the Hunt of a Lifetime and Wildlife Heritage Foundation programs.

AGE AND SEX OF THE 2010 MOOSE HARVEST BY MANAGEMENT REGION AND WMU

REGION	WMU	BULLS AGE 2.5+	BULLS AGE 1.5	COWS AGE 2.5+	COWS AGE 1.5	CALVES	TOTAL HARVEST	% COWS & CALVES	% BULLS AGE 2.5+
CT LAKE	A1	9	3	2	1	1	16	25%	56%
	A2	31	4	17	7	0	59	41%	53%
	ALL	**40**	**7**	**19**	**8**	**1**	**75**	**37%**	**53%**
NORTH	B	21	5	12	5	2	45	42%	47%
	C2	25	2	3	2	1	33	18%	76%
	D1	5	1	2	0	0	8	25%	63%
	ALL	**51**	**8**	**17**	**7**	**3**	**86**	**31%**	**59%**
W. MTN.	C1	16	3	4	1	0	24	21%	67%
	D2	3	2	1	0	1	7	29%	43%
	E1	1	1	0	0	0	2	0%	50%
	E2	1	1	1	0	1	4	50%	25%
	E3	4	1	0	1	0	6	17%	67%
	F	4	1	0	0	0	5	0%	80%
	ALL	**29**	**9**	**6**	**2**	**2**	**48**	**21%**	**60%**
CENTRAL	G	12	2	5	1	1	21	33%	57%
	H1	2	0	4	0	0	6	67%	33%
	I1	5	1	1	1	0	8	25%	63%
	I2	7	1	4	1	0	13	38%	54%
	J1	7	0	1	0	0	8	13%	88%
	J2	9	2	5	0	0	16	31%	56%
	ALL	**42**	**6**	**20**	**3**	**1**	**72**	**33%**	**58%**
S. WEST	H2N	2	0	2	1	0	5	60%	40%
	H2S	0	0	1	1	0	2	100%	0%
	K	1	0	3	0	1	5	80%	20%
	ALL	**3**	**0**	**6**	**2**	**1**	**12**	**75%**	**25%**
S. EAST	L	3	1	0	0	1	5	20%	60%
	M	1	0	1	2	0	4	75%	25%
	ALL	**4**	**1**	**1**	**2**	**1**	**9**	**44%**	**44%**
ALL	**ALL**	**169**	**31**	**69**	**24**	**9**	**302**	**34%**	**56%**

METHODS OF HARVEST USED BY SUCCESSFUL HUNTERS DURING THE 2010 MOOSE HUNT

METHOD	# OF HUNTERS	% OF HUNTERS
ARCHERY	0	0.0%
HANDGUN	3	1.0%
MUZZLELOADER	6	2.0%
RIFLE	289	95.7%
SHOTGUN	4	1.3%
UNKNOWN	0	0.0%
TOTALS	**302**	**100.0%**

PERMITS ISSUED, HARVEST SUCCESS RATE AND HARVEST PER SQUARE MILE OF LAND AREA FOR THE 2010 MOOSE HUNT BY MANAGEMENT REGION AND WMU

REGION	WMU	EITHER SEX PERMITS ISSUED	ANTLERLESS ONLY PERMITS ISSUED	TOTAL PERMITS ISSUED	TOTAL HARVEST	SUCCESS RATE	HARVEST PER SQ. MILE
CT LAKE	A1	14	5	19	16	84%	0.11
	A2	48	20	68	59	87%	0.14
	ALL	**62**	**25**	**87**	**75**	**86%**	**0.13**
NORTH	B	40	10	50	45	90%	0.14
	C2	30	5	35	33	94%	0.14
	D1	11	0	11	8	73%	0.04
	ALL	**81**	**15**	**96**	**86**	**90%**	**0.11**
W. MTN.	C1	22	5	27	24	89%	0.12
	D2	10	0	10	7	70%	0.02
	E1	5	0	5	2	40%	0.01
	E2	5	0	5	4	80%	0.02
	E3	6	0	6	6	100%	0.02
	F	14	0	14	5	36%	0.01
	ALL	**62**	**5**	**67**	**48**	**72%**	**0.03**
CENTRAL	G	30	0	30	21	70%	0.04
	H1	9	0	9	6	67%	0.02
	I1	15	0	15	8	53%	0.03
	I2	20	0	20	13	65%	0.04
	J1	14	0	14	8	57%	0.02
	J2	20	0	20	16	80%	0.02
	ALL	**108**	**0**	**108**	**72**	**67%**	**0.03**
S. WEST	H2N	6	0	6	5	83%	0.02
	H2S	5	0	5	2	40%	0.01
	K	10	0	10	5	50%	0.01
	ALL	**21**	**0**	**21**	**12**	**57%**	**0.01**
S. EAST	L	10	0	10	5	50%	0.01
	M	10	0	10	4	40%	0.01
	ALL	**20**	**0**	**20**	**9**	**45%**	**0.01**
ALL	**ALL**	**354**	**45**	**399**	**302**	**76%**	**0.04**

SUMMARY OF MOOSE PHYSICAL CHARACTERISTICS FROM THE 2010 MOOSE HARVEST BY MANAGEMENT REGION AND AGE

		BULLS						COWS	
REGION	AGE IN YEARS	MEAN ABD*	MAXIMUM ABD*	MEAN SPREAD**	MAXIMUM SPREAD**	MEAN WEIGHT	MAXIMUM WEIGHT	MEAN WEIGHT	MAXIMUM WEIGHT
CT LAKE	0.5	.	.	.	.	250	250	.	.
	1.5	39.4	47	26.8	38.25	472	670	439	515
	2.5-4.5	48.7	60	38.7	49	615	740	528	600
	5.5+	58.9	69	52.2	68.5	718	880	593	700
NORTH	0.5	.	.	.	.	285	285	215	215
	1.5	38.8	59	24.5	30	443	560	426	490
	2.5-4.5	43.7	53	36.6	48	599	805	478	645
	5.5+	56.2	70	49.6	62.5	706	830	599	730
W. MTN.	0.5	.	.	.	.	270	270	300	300
	1.5	30.4	41	19.6	26.5	388	500	390	450
	2.5-4.5	41.7	52	32.4	48	540	690	558	575
	5.5+	59.0	70	53.2	61.25	754	970	510	600
CENTRAL	0.5	.	.	.	.	.	.	270	270
	1.5	34.0	41	22.5	28	438	530	427	520
	2.5-4.5	46.6	56	36.4	49	610	740	546	670
	5.5+	56.1	72	47.7	59	720	800	581	670
S. WEST	0.5	.	.	.	.	310	310	.	.
	1.5	.	.	.	.	.	.	405	450
	2.5-4.5	51.0	51	23.0	34	530	610	512	560
	5.5+	54.0	54	44.0	44	730	730	560	610
S. EAST	0.5	.	.	.	.	.	.	195	195
	1.5	32.0	32	29.0	29	400	400	380	450
	2.5-4.5	42.5	47	30.5	34	495	530	500	500
	5.5+	47.0	48	37.8	44.5	670	715	.	.

NOTE: Animals of unknown age or sex are not included in above table.
*ABD = antler beam diameter measured in mm.
** Spread is measured by the department as the furthest distance between two legal tines in inches.

TEN-YEAR MOOSE HUNTER SUCCESS RATES BY MANAGEMENT REGION AND WMU

REGION	WMU	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	MEAN
CT. LAKE	A1	94%	93%	100%	87%	93%	73%	91%	79%	77%	84%	87%
	A2	83%	95%	93%	94%	89%	82%	87%	80%	87%	87%	88%
	ALL	**86%**	**95%**	**95%**	**93%**	**89%**	**80%**	**88%**	**80%**	**84%**	**86%**	**88%**
NORTH	B	91%	92%	92%	96%	92%	75%	81%	86%	98%	90%	89%
	C2	95%	94%	94%	85%	95%	90%	90%	95%	91%	94%	92%
	D1	73%	93%	73%	86%	84%	68%	67%	67%	74%	73%	76%
	ALL	**90%**	**93%**	**90%**	**90%**	**92%**	**78%**	**81%**	**83%**	**91%**	**90%**	**88%**
W. MTN.	C1	83%	75%	75%	92%	92%	92%	88%	80%	92%	89%	86%
	D2	63%	76%	84%	64%	76%	57%	47%	35%	33%	70%	61%
	E1	70%	70%	70%	67%	67%	48%	64%	50%	40%	40%	59%
	E2	60%	80%	100%	100%	100%	20%	80%	40%	80%	80%	74%
	E3	55%	47%	40%	63%	48%	43%	47%	40%	36%	100%	52%
	F	63%	76%	70%	65%	80%	48%	68%	42%	38%	36%	59%
	ALL	**67%**	**71%**	**71%**	**72%**	**75%**	**56%**	**62%**	**47%**	**47%**	**72%**	**64%**
CENTRAL	G	80%	88%	78%	63%	75%	65%	82%	83%	71%	70%	76%
	H1	60%	80%	90%	80%	70%	67%	53%	73%	53%	67%	69%
	I1	67%	30%	60%	35%	65%	53%	33%	55%	65%	53%	52%
	I2	60%	70%	90%	67%	79%	63%	60%	67%	60%	65%	68%
	J1	73%	60%	60%	60%	73%	67%	64%	64%	50%	57%	63%
	J2	51%	46%	63%	60%	58%	54%	42%	52%	53%	80%	56%
	ALL	**65%**	**63%**	**72%**	**60%**	**71%**	**62%**	**61%**	**68%**	**62%**	**67%**	**65%**
S. WEST	H2N	70%	70%	80%	70%	70%	40%	40%	60%	75%	83%	66%
	H2S	80%	22%	60%	20%	40%	40%	60%	40%	20%	40%	42%
	K	85%	67%	67%	40%	47%	40%	40%	40%	50%	50%	53%
	ALL	**80%**	**56%**	**69%**	**47%**	**53%**	**40%**	**44%**	**45%**	**47%**	**57%**	**54%**
S. EAST	L	40%	40%	27%	50%	10%	44%	55%	30%	40%	50%	39%
	M	23%	32%	15%	40%	44%	10%	0%	50%	60%	40%	31%
	ALL	**32%**	**35%**	**20%**	**45%**	**26%**	**26%**	**30%**	**38%**	**47%**	**45%**	**34%**
ALL	**ALL**	**72%**	**73%**	**75%**	**74%**	**78%**	**67%**	**71%**	**65%**	**65%**	**76%**	**72%**


VICTOR YOUNG PHOTO

2010 WILD TURKEY HARVEST SUMMARY

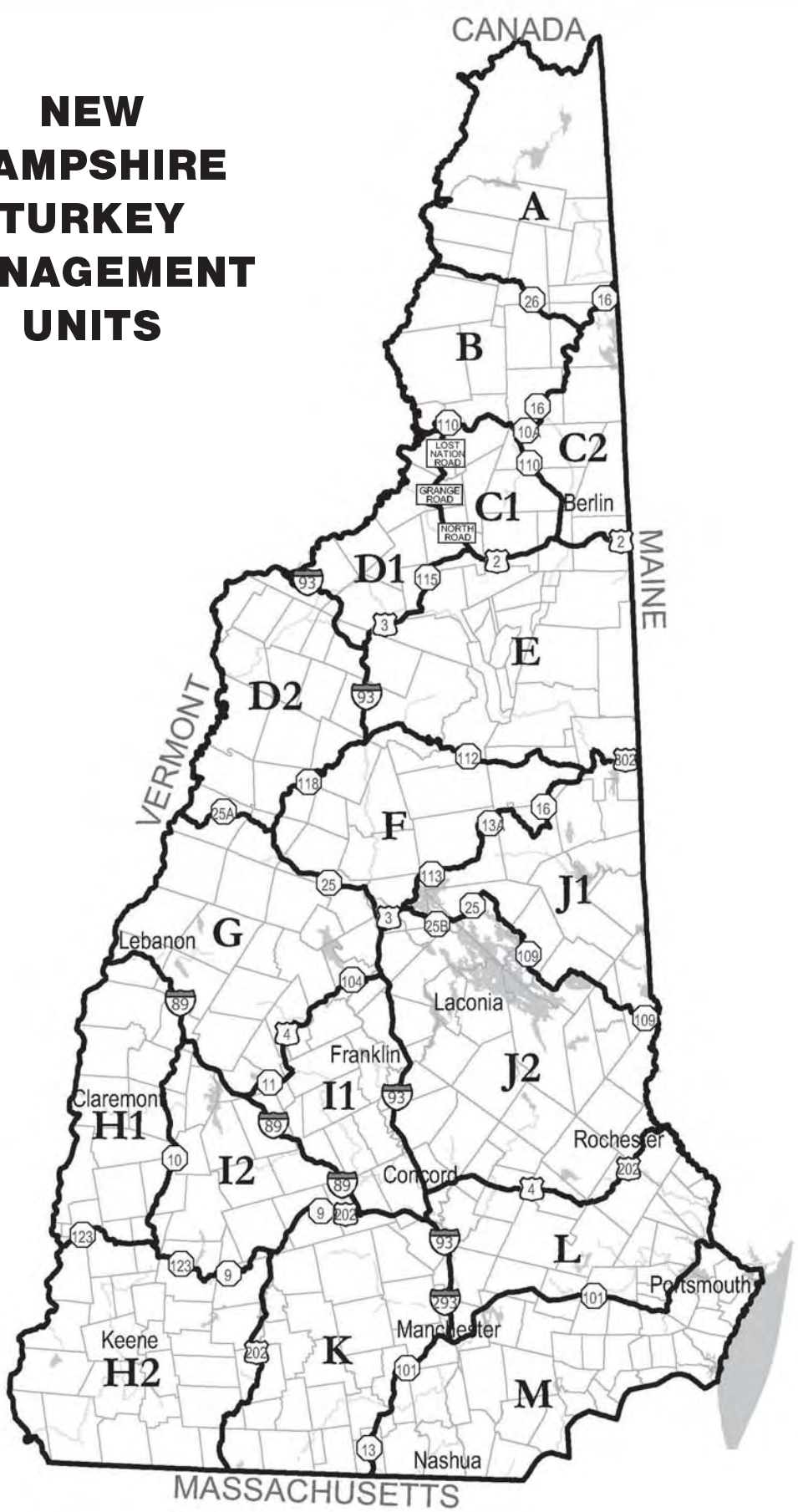
Spring Season: A total of 3,669 turkeys (including 19 bearded hens) were registered during the 2010 spring gobbler season. Youth Weekend accounted for 541 turkey or 14.7% of the spring take. The 2010 season was down 387 turkeys (9.5%) from the 2009 harvest of 4,056 turkeys. The spring 2010 male harvest was comprised of 909 jakes (24.9%) and 2,741 adult toms (75.1%), for a juvenile/adult harvest ratio of 0.33 to 1.00. Approximately three times as many adults were taken compared to jakes. This reflects a significant lack of juveniles in the turkey population due to below average recruitment of young stemming from record rains during the summer of 2009.

The 909 jakes registered during the 2010 season was the lowest number in the past eleven years, as was the 0.33 juvenile/adult harvest ratio. While the 2009 jake harvest was low (1,435 jakes; 35.5% of the total spring harvest), the May 2010 jake harvest of 909 jakes was even lower. The 2-year old toms in the May 2010 harvest were 1,819 of 3,650 gobblers or 49.8%. These gobblers hatched during the summer of 2008 and were the "lion's share" of the harvest in most WMUs. Because of the high harvest of 2-year olds during the May 2010 season, it is expected that 3-year olds will be a considerably smaller percentage of the spring 2011 harvest, and that jakes could be 60% of the 2011 spring season harvest. The other age classes of the May 2010 season harvest included: 727 (19.9%) 3-year olds, 172 (4.7%) 4-year olds, and 21 (0.6%) 5+-year olds. These percentages were similar to those of 2009.

In western New Hampshire the following WMUs had the highest number of gobblers taken: unit K (471), unit H2 (408), and unit H1 (338). Unit K comprises most of Hillsboro County, and this south-central New Hampshire region now accounts for more turkeys than the original turkey stronghold of the Connecticut River Valley region bordering Vermont, even though unit K has considerably less farmland. In eastern New Hampshire the following WMUs had the highest number of gobblers taken: unit J2 (471) and unit M (296). Unit J2 now appears as strong as the best units in western New Hampshire. It was somewhat of a surprise to have unit M (296) register almost 300 gobblers because this unit encompasses the most developed section of the state.

Fall Seasons: A total of 1,010 turkeys were taken during New Hampshire's fall seasons. Thus, of the 4,679 turkeys taken during 2010, 21.6 percent were taken during the fall seasons. The 5-day fall shotgun season (October 11-15, 2010) tallied 719 turkeys (457 hens and 262 males) compared to 294 in 2009; an increase of 425 turkeys. The major reason for this increase was the opening of four additional units (J1, J2, L and M) in eastern New Hampshire. These 4 new units were opened to the fall shotgun season because each had reached a spring kill of 0.5 gobblers per square mile and the internet survey of winter flocks had shown an increase in the turkey population in this region. The 3-month fall archery season (September 15 – December 15, 2010) registered 291 turkeys compared to 198 in 2009, for an increase of 93 turkeys, or 47%. The improved hatch during 2010 resulted in a greater numbers of turkeys being available to fall hunters.

NEW HAMPSHIRE TURKEY MANAGEMENT UNITS



2010 TURKEY POPULATION OBJECTIVES BY WILDLIFE MANAGEMENT UNIT EXPRESSED IN TERMS OF SPRING KILL PER SQUARE MILE OF TURKEY HABITAT

WMU	CURRENT LEVEL[1]	2006-2015 OBJECTIVE	HUNTING STRATEGY [2]
A	0.05	0.07	Conservative
B	0.10	0.07	Moderate
C1	1.10	0.09	Moderate
C2	0.13	0.14	Moderate
D1	0.42	0.50	Liberal
D2	0.77	0.50	Liberal
E	0.08	0.09	Moderate
F	0.23	0.19	Moderate
G	0.50	0.41	Liberal
H1	0.96	0.50	Liberal
H2	0.65	0.50	Liberal
I1	0.59	0.50	Liberal
I2	0.53	0.49	Liberal
J1	0.42	0.34	Liberal
J2	0.64	0.29	Liberal
K	0.83	0.50	Liberal
L	0.63	0.25	Liberal
M	0.56	0.18	Liberal

[1] - Current level is the spring kill per square mile of turkey habitat for the 2010 season.
[2] - Conservative strategies allow spring hunting but preempt all fall hunting. Moderate strategies allow for spring hunting and fall archery hunting. Liberal strategies allow for spring hunting, fall archery hunting and fall shotgun hunting. Fall shotgun hunting is only allowed when the WMU in question has a history of spring harvests that equal or exceed 0.5 birds per square mile.

2010 TURKEY HARVEST BY WMU, SEASON, SEX AND AGE CLASS

WMU	SPRING HENS	SPRING JAKES	SPRING TOMS	FALL HENS	FALL MALES	GRAND TOTAL	SPRING KPSM [1]
A	0	12	10	closed	closed	22	0.05
B	0	13	13	1	2	29	0.10
C1	0	7	7	1	1	16	0.10
C2	0	9	14	2	3	28	0.13
D1	0	24	58	29	11	122	0.42
D2	3	57	248	63	25	396	0.77
E	0	8	29	1	0	38	0.08
F	3	20	62	5	1	91	0.23
G	2	71	206	38	32	349	0.50
H1	2	87	251	41	31	412	0.96
H2	1	90	318	66	40	515	0.65
I1	2	41	145	41	16	245	0.59
I2	0	33	141	30	26	230	0.53
J1	1	38	142	41	16	238	0.42
J2	1	130	341	84	57	613	0.64
K	1	106	365	79	57	608	0.83
L	3	81	177	51	37	349	0.63
M	0	82	214	53	29	378	0.56
TOTAL	**19**	**909**	**2741**	**626**	**384**	**4679**	**0.50**

[1] - Kill per square mile of turkey habitat.

2010 FALL ARCHERY AND FALL SHOTGUN SEASON HARVEST BY WMU AND SEX

	FALL ARCHERY SEASON			FALL SHOTGUN SEASON			GRAND
WMU	HENS	MALES	TOTAL	HENS	MALES	TOTAL	TOTAL
A	-	-	closed	-	-	closed	closed
B	1	2	3	-	-	closed	3
C1	1	1	2	-	-	closed	2
C2	2	3	5	-	-	closed	5
D1	4	6	10	25	5	30	40
D2	9	7	16	54	18	72	88
E	1	0	1	-	-	closed	1
F	5	1	6	-	-	closed	6
G	8	7	15	30	25	55	70
H1	8	7	15	33	24	57	72
H2	15	14	29	51	26	77	106
I1	6	1	7	35	15	50	57
I2	6	8	14	24	18	42	56
J1	6	1	7	35	15	50	57
J2	26	17	43	58	40	98	141
K	30	18	48	49	39	88	136
L	16	12	28	35	25	60	88
M	25	17	42	28	12	40	82
TOTAL	**169**	**122**	**291**	**457**	**262**	**719**	**1010**

TOP 25 SPRING GOBBLERS TAKEN IN NH DURING 2010

HUNTERS NAME - RESIDENCE	WEIGHT	BEARD LENGTH	SPUR LENGTH	WMU	TOWN OF KILL
JOEL FELCH - SEABROOK	26.5	8	0.750	M	SEABROOK
ROBERT ROSE - HAVERHILL	26	9.75	0.875	D2	HAVERHILL
MARK RAPOZA - TILTON	26	9.25	0.750	J2	SANBORNTON
ALLIE PIKE - LYME	26	9	1.250	G	LYME
JEREMY BARNETT - LANGDON	25.5	11	1.000	H1	LANGDON
EMERY ROBERTS - TAMWORTH	25.5	8	1.250	J1	TAMWORTH
JAMES CUMMINGS JR - AMHERST	25	9.5	1.000	M	AMHERST
NED HYSLOP - SANBORNVILLE	24.7	9	1.000	J1	WAKEFIELD
ANTHONY BOTTAI - WINDHAM	24.5	10.75	0.875	M	PELHAM
JOHN TRYBULSKI - LANGDON	24.5	9.5	1.063	H2	WESTMORELAND
DONALD HUBBARD - LYMAN	24.2	10.5	1.000	D2	LYMAN
TRACY AUBUT - SANBORNTON	24	11	1.125	J2	SANBORNTON
JEFFREY SWAIN - ALTON	24	10.5	1.250	J2	ALTON
ANDREW DROBAT - AMHERST	24	10.5	0.750	K	AMHERST
DAVID WILLIAMS - WENTWORTH	24	10	1.125	D2	WENTWORTH
DONALD DELISI - CONCORD	24	10	0.750	I1	CONCORD
EDGAR SWAIN - FARMINGTON	24	9	1.250	J2	ROCHESTER
SEAN ELDRIDGE - BROOKFIELD	23.6	8	1.000	J2	WOLFEBORO
PETER BOBICH - DEERFIELD	23.5	13	1.000	L	CANDIA
BRENNAN HAYWOOD - BOW	23.5	10.75	0.875	J2	LOUDON
RALPH SMITH - SEABROOK	23.5	10.5	1.000	M	SEABROOK
AMIR MUSTAFIC - MANCHESTER	23.5	10.25	1.000	K	NEW BOSTON
AMANDA DILLON - HUDSON	23.5	10	1.000	M	HOLLIS
CHARLES BEEDE - LACONIA	23.5	9.5	1.375	J2	LACONIA
AMY SCHULTZ - EXETER	23.5	9.5	0.750	L	NEWFIELDS

2010 TURKEY HARVEST BY TOWN AND SEASON

TOWN	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING TOTAL	SPRING KPSM [1]	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM [1]
ACWORTH	0	10	19	29	0.81	2	2	4	0.11
ALBANY	0	0	4	4	0.07	0	0	0	0.00
ALEXANDRIA	0	3	6	9	0.23	0	2	2	0.05
ALLENSTOWN	1	2	2	5	0.28	0	2	2	0.11
ALSTEAD	0	9	27	36	0.99	5	7	12	0.33
ALTON	0	9	30	39	0.68	1	6	7	0.12
AMHERST	0	1	15	16	0.57	0	2	2	0.07
ANDOVER	0	2	21	23	0.62	2	3	5	0.14
ANTRIM	0	4	18	22	0.70	1	0	1	0.03
ASHLAND	0	3	5	8	0.82	2	1	3	0.31
AUBURN	0	1	3	4	0.18	3	2	5	0.23
BARNSTEAD	0	3	19	22	0.56	3	1	4	0.10
BARRINGTON	0	8	19	27	0.65	1	4	5	0.12
BARTLETT	0	1	5	6	0.10	0	0	0	0.00
BATH	1	9	48	58	1.63	19	3	22	0.62
BEDFORD	0	6	10	16	0.62	3	3	6	0.23
BELMONT	0	6	11	17	0.67	4	6	10	0.39
BENNINGTON	0	0	7	7	0.71	1	1	2	0.20
BENTON	0	0	7	7	0.18	1	1	2	0.05
BERLIN	0	3	3	6	0.13	0	1	1	0.02
BETHLEHEM	0	0	7	7	0.10	5	1	6	0.08
BOSCAWEN	0	5	16	21	0.95	7	2	9	0.41
BOW	0	5	15	20	0.89	2	2	4	0.18
BRADFORD	0	1	6	7	0.22	3	2	5	0.16
BRENTWOOD	0	0	7	7	0.49	2	1	3	0.21
BRIDGEWATER	0	1	6	7	0.35	0	0	0	0.00
BRISTOL	0	0	5	5	0.34	2	1	3	0.20
BROOKFIELD	0	7	5	12	0.56	0	3	3	0.14
BROOKLINE	0	2	7	9	0.52	0	1	1	0.06
CAMBRIDGE	0	0	1	1	0.02	0	0	0	0.00
CAMPTON	0	4	5	9	0.20	1	1	2	0.04
CANAAN	0	4	24	28	0.64	3	7	10	0.23
CANDIA	0	2	13	15	0.55	1	0	1	0.04
CANTERBURY	0	5	18	23	0.58	4	2	6	0.15
CARROLL	0	1	4	5	0.12	1	1	2	0.05
CENTER HARBOR	0	1	3	4	0.34	1	0	1	0.09
CHARLESTOWN	2	9	22	33	1.02	3	1	4	0.12
CHATHAM	0	0	2	2	0.04	0	0	0	0.00
CHESTER	0	6	10	16	0.68	5	3	8	0.34
CHESTERFIELD	0	6	19	25	0.59	2	4	6	0.14
CHICHESTER	0	4	14	18	0.94	5	1	6	0.31
CLAREMONT	0	13	30	43	1.17	4	5	9	0.24
CLARKSVILLE	0	0	2	2	0.04	0	0	0	0.00
COLEBROOK	0	2	5	7	0.23	0	0	0	0.00
COLUMBIA	0	2	2	4	0.08	0	2	2	0.04
CONCORD	1	14	23	38	0.79	14	4	18	0.38
CONWAY	0	6	16	22	0.36	0	0	0	0.00
CORNISH	0	12	30	42	1.12	7	1	8	0.21

2010 TURKEY HARVEST BY TOWN AND SEASON, CONT.

TOWN	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING TOTAL	SPRING KPSM [1]	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM [1]
CROYDON	0	7	14	21	0.74	3	2	5	0.18
DALTON	0	3	7	10	0.43	2	0	2	0.09
DANBURY	0	8	21	29	0.92	7	3	10	0.32
DANVILLE	0	1	2	3	0.30	4	3	7	0.70
DEERFIELD	0	14	26	40	0.85	6	6	12	0.26
DEERING	0	2	16	18	0.64	1	3	4	0.14
DERRY	0	1	8	9	0.32	1	1	2	0.07
DORCHESTER	0	2	3	5	0.13	0	0	0	0.00
DOVER	0	5	10	15	0.75	1	2	3	0.15
DUBLIN	0	1	9	10	0.41	0	1	1	0.04
DUMMER	0	1	2	3	0.08	1	0	1	0.03
DUNBARTON	0	2	23	25	0.91	6	7	13	0.47
DURHAM	0	2	3	5	0.27	2	2	4	0.21
EAST KINGSTON	0	1	1	2	0.22	1	0	1	0.11
EASTON	0	1	3	4	0.15	0	1	1	0.04
EATON	0	1	5	6	0.26	0	1	1	0.04
EFFINGHAM	0	3	8	11	0.31	3	1	4	0.11
ELLSWORTH	0	1	1	2	0.10	0	0	0	0.00
ENFIELD	0	12	28	40	1.17	4	2	6	0.18
EPPING	0	10	6	16	0.71	10	3	13	0.58
EPSOM	0	4	18	22	0.70	7	4	11	0.35
ERROL	0	3	1	4	0.09	1	0	1	0.02
EXETER	0	2	4	6	0.38	2	0	2	0.13
FARMINGTON	0	5	12	17	0.51	6	0	6	0.18
FITZWILLIAM	0	3	18	21	0.70	6	0	6	0.20
FRANCESTOWN	0	4	24	28	1.00	7	3	10	0.36
FRANCONIA	0	0	8	8	0.16	1	1	2	0.04
FRANKLIN	0	6	8	14	0.59	4	1	5	0.21
FREEDOM	1	5	17	23	0.73	10	4	14	0.44
FREMONT	0	3	8	11	0.74	1	0	1	0.07
GILFORD	0	9	23	32	0.96	6	3	9	0.27
GILMANTON	0	13	27	40	0.75	6	6	12	0.23
GILSUM	0	3	6	9	0.59	1	0	1	0.07
GOFFSTOWN	1	13	20	34	1.09	2	7	9	0.29
GORHAM	0	0	3	3	0.11	0	0	0	0.00
GOSHEN	0	3	12	15	0.74	2	2	4	0.20
GRAFTON	0	2	10	12	0.34	1	4	5	0.14
GRANTHAM	0	4	3	7	0.32	2	1	3	0.14
GREENFIELD	0	3	11	14	0.60	3	1	4	0.17
GREENLAND	0	4	11	15	1.75	5	2	7	0.82
GREENVILLE	0	4	6	10	1.65	2	2	4	0.66
GROTON	0	1	9	10	0.29	2	0	2	0.06
HAMPSTEAD	0	0	2	2	0.18	0	1	1	0.09
HAMPTON	0	1	5	6	0.91	0	0	0	0.00
HAMPTON FALLS	0	1	1	2	0.21	0	0	0	0.00

2010 TURKEY HARVEST BY TOWN AND SEASON, CONT.

TOWN	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING TOTAL	SPRING KPSM [1]	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM [1]
HANCOCK	0	3	13	16	0.60	3	1	4	0.15
HANOVER	0	4	16	20	0.45	4	6	10	0.23
HARRISVILLE	0	2	7	9	0.53	3	0	3	0.18
HAVERHILL	0	10	49	59	1.25	12	9	21	0.45
HEBRON	0	2	7	9	0.60	1	1	2	0.13
HENNIKER	0	4	31	35	0.88	2	1	3	0.08
HILL	0	4	6	10	0.41	3	1	4	0.16
HILLSBORO	0	6	26	32	0.81	5	4	9	0.23
HINSDALE	0	2	9	11	0.61	1	1	2	0.11
HOLDERNESS	0	2	9	11	0.40	0	0	0	0.00
HOLLIS	0	3	20	23	0.83	2	0	2	0.07
HOOKSETT	1	3	8	12	0.43	4	2	6	0.21
HOPKINTON	1	4	20	25	0.67	5	1	6	0.16
HUDSON	0	5	8	13	0.67	2	1	3	0.15
JACKSON	0	0	6	6	0.10	0	0	0	0.00
JAFFREY	0	2	22	24	0.73	7	4	11	0.33
JEFFERSON	0	8	12	20	0.48	3	1	4	0.10
KEENE	0	2	13	15	0.51	1	2	3	0.10
KENSINGTON	0	6	9	15	1.38	0	0	0	0.00
KINGSTON	0	5	1	6	0.37	0	0	0	0.00
LACONIA	0	4	8	12	0.81	0	1	1	0.07
LANCASTER	0	14	16	30	0.74	6	4	10	0.25
LANDAFF	0	10	11	21	0.81	5	3	8	0.31
LANGDON	0	6	15	21	1.36	5	2	7	0.45
LEBANON	0	9	24	33	1.00	1	1	2	0.06
LEE	0	4	11	15	0.88	2	3	5	0.29
LEMPSTER	0	2	13	15	0.61	2	0	2	0.08
LINCOLN	0	0	1	1	0.01	0	0	0	0.00
LISBON	0	2	24	26	1.08	6	3	9	0.38
LITCHFIELD	0	4	5	9	0.79	1	2	3	0.26
LITTLETON	0	6	24	30	0.68	7	1	8	0.18
LONDONDERRY	0	5	10	15	0.47	3	3	6	0.19
LOUDON	0	15	23	38	0.95	7	10	17	0.42
LYMAN	0	3	17	20	0.74	3	0	3	0.11
LYME	1	6	20	27	0.55	6	1	7	0.14
LYNDEBOROUGH	0	5	16	21	0.74	7	3	10	0.35
MADBURY	0	4	6	10	0.97	2	0	2	0.19
MADISON	0	2	13	15	0.42	5	3	8	0.23
MANCHESTER	0	1	0	1	0.07	2	0	2	0.15
MARLBOROUGH	0	3	11	14	0.74	2	3	5	0.26
MARLOW	0	0	11	11	0.51	3	0	3	0.14
MASON	0	4	9	13	0.57	3	1	4	0.18
MEREDITH	0	5	15	20	0.57	3	4	7	0.20
MERRIMACK	0	5	21	26	1.08	2	3	5	0.21
MIDDLETON	0	3	3	6	0.36	0	0	0	0.00
MILAN	0	5	4	9	0.19	0	3	3	0.06
MILFORD	0	6	14	20	0.98	3	1	4	0.20

2010 TURKEY HARVEST BY TOWN AND SEASON, CONT.

TOWN	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING TOTAL	SPRING KPSM [1]	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM [1]
MILTON	0	4	10	14	0.47	2	3	5	0.17
MONROE	0	5	18	23	1.11	4	1	5	0.24
MONT VERNON	0	3	11	14	0.90	2	2	4	0.26
MOULTONBORO	0	1	12	13	0.24	1	0	1	0.02
NASHUA	0	2	0	2	0.16	1	1	2	0.16
NELSON	0	4	6	10	0.52	4	1	5	0.26
NEW BOSTON	0	10	25	35	0.91	10	5	15	0.39
NEW DURHAM	0	6	8	14	0.37	3	0	3	0.08
NEW HAMPTON	0	3	12	15	0.45	5	1	6	0.18
NEW IPSWICH	0	2	21	23	0.79	5	1	6	0.21
NEW LONDON	0	2	8	10	0.55	0	1	1	0.05
NEWBURY	0	5	14	19	0.60	3	3	6	0.19
NEWFIELDS	0	0	6	6	0.95	2	0	2	0.32
NEWINGTON	0	0	7	7	1.17	2	0	2	0.33
NEWMARKET	0	4	6	10	0.97	1	0	1	0.10
NEWPORT	0	8	24	32	0.83	4	4	8	0.21
NEWTON	0	1	1	2	0.24	1	0	1	0.12
NORTH HAMPTON	0	0	2	2	0.18	0	0	0	0.00
NORTHFIELD	0	2	11	13	0.50	3	4	7	0.27
NORTHUMBERLAND	0	4	3	7	0.24	4	2	6	0.20
NORTHWOOD	0	3	13	16	0.63	6	1	7	0.27
NOTTINGHAM	1	9	12	22	0.52	5	1	6	0.14
ORANGE	0	0	1	1	0.05	1	0	1	0.05
ORFORD	1	10	21	32	0.76	4	0	4	0.09
OSSIPEE	0	6	21	27	0.43	7	0	7	0.11
PELHAM	0	6	10	16	0.74	1	1	2	0.09
PEMBROKE	0	2	12	14	0.73	0	2	2	0.10
PETERBOROUGH	0	1	20	21	0.65	1	3	4	0.12
PIERMONT	0	6	16	22	0.60	5	0	5	0.14
PITTSBURG	0	4	3	7	0.03	0	0	0	0.00
PITTSFIELD	0	4	9	13	0.60	6	0	6	0.28
PLAINFIELD	0	13	36	49	1.06	7	9	16	0.35
PLAISTOW	0	3	1	4	0.49	1	0	1	0.12
PLYMOUTH	0	4	11	15	0.63	2	0	2	0.08
PORTSMOUTH	0	3	4	7	0.89	0	0	0	0.00
RANDOLPH	0	1	1	2	0.05	0	0	0	0.00
RAYMOND	0	2	8	10	0.42	1	0	1	0.04
RICHMOND	0	8	12	20	0.56	3	2	5	0.14
RINDGE	0	4	13	17	0.55	5	3	8	0.26
ROCHESTER	0	6	31	37	1.05	6	5	11	0.31
ROLLINSFORD	0	5	5	10	1.60	0	2	2	0.32
ROXBURY	0	1	7	8	0.70	1	0	1	0.09
RUMNEY	1	4	20	25	0.66	1	0	1	0.03
RYE	0	0	6	6	0.66	2	0	2	0.22
SALEM	0	0	3	3	0.18	1	0	1	0.06

2010 TURKEY HARVEST BY TOWN AND SEASON, CONT.

TOWN	SPRING HEN	SPRING JAKE	SPRING TOM	SPRING TOTAL	SPRING KPSM [1]	FALL HEN	FALL MALE	FALL TOTAL	FALL KPSM [1]
SALISBURY	0	3	14	17	0.46	6	1	7	0.19
SANBORNTON	1	3	22	26	0.59	4	0	4	0.09
SANDOWN	0	1	3	4	0.34	5	0	5	0.42
SANDWICH	0	3	12	15	0.18	1	0	1	0.01
SEABROOK	0	0	4	4	0.89	0	0	0	0.00
SHARON	0	0	3	3	0.22	1	1	2	0.15
SHELBURNE	0	0	5	5	0.13	1	0	1	0.03
SOMERSWORTH	0	2	0	2	0.29	0	0	0	0.00
SOUTH HAMPTON	0	2	3	5	0.70	0	0	0	0.00
SPRINGFIELD	0	8	13	21	0.64	1	3	4	0.12
STARK	0	3	1	4	0.08	0	0	0	0.00
STEWARTSTOWN	0	4	1	5	0.14	0	0	0	0.00
STODDARD	0	2	14	16	0.37	0	0	0	0.00
STRAFFORD	0	4	14	18	0.39	3	2	5	0.11
STRATFORD	0	4	5	9	0.13	0	0	0	0.00
STRATHAM	0	2	8	10	0.79	1	0	1	0.08
SUCCESS	0	1	0	1	0.03	0	0	0	0.00
SUGAR HILL	0	0	6	6	0.38	1	2	3	0.19
SULLIVAN	0	2	6	8	0.48	4	2	6	0.36
SUNAPEE	0	3	17	20	1.13	3	5	8	0.45
SURRY	0	3	6	9	0.62	0	2	2	0.14
SUTTON	0	5	16	21	0.56	2	2	4	0.11
SWANZEY	0	5	19	24	0.61	7	3	10	0.25
TAMWORTH	0	6	19	25	0.46	4	2	6	0.11
TEMPLE	0	3	17	20	0.96	2	3	5	0.24
THORNTON	1	3	8	12	0.26	0	0	0	0.00
TILTON	0	0	2	2	0.22	1	1	2	0.22
TROY	0	1	9	10	0.62	0	1	1	0.06
TUFTONBORO	0	2	19	21	0.58	4	2	6	0.16
UNITY	0	3	24	27	0.79	2	2	4	0.12
WAKEFIELD	0	5	13	18	0.51	3	2	5	0.14
WALPOLE	0	5	17	22	0.69	3	1	4	0.13
WARNER	0	3	14	17	0.34	6	6	12	0.24
WARREN	1	3	11	15	0.33	0	1	1	0.02
WASHINGTON	0	1	12	13	0.37	2	1	3	0.09
WEARE	0	13	37	50	0.93	7	4	11	0.20
WEBSTER	0	7	12	19	0.74	3	1	4	0.16
WENTWORTH	1	3	13	17	0.47	5	0	5	0.14
WESTMORELAND	0	12	36	48	1.41	5	4	9	0.26
WHITEFIELD	0	2	8	10	0.37	6	1	7	0.26
WILMOT	0	5	14	19	0.75	1	1	2	0.08
WILTON	0	7	17	24	1.04	3	1	4	0.17
WINCHESTER	1	10	25	36	0.71	8	3	11	0.22
WINDHAM	0	0	1	1	0.04	0	0	0	0.00
WINDSOR	0	0	1	1	0.14	0	2	2	0.27
WOLFEBORO	0	7	23	30	0.69	5	2	7	0.16
WOODSTOCK	1	1	0	2	0.04	0	0	0	0.00
TOTAL	**19**	**909**	**2741**	**3669**		**626**	**384**	**1010**	

[1] - Kill per square mile of turkey habitat.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2009/2010 FURBEARER HARVEST SUMMARY

During the 2009/10 trapping season, New Hampshire trappers continued to provide valuable benefits to New Hampshire's citizenry. Trapper harvest, under the guidelines of carefully regulated trapping programs, helps maintain furbearer populations at desired biological and social levels. Data that trappers provide in annual trapper reports are essential for furbearer population management decision-making. Finally, the expertise that trappers provide to state, municipal and private interests in resolving wildlife/human conflicts represents an invaluable public service.

Results from the 2009/10 New Hampshire trapping season reflect the fact that New Hampshire furbearers are widespread and abundant. A total of 465 trapper licenses were issued for the 2009/10 trapping season. This represents a slight increase from the 457 licenses issued the previous year. Average pelt values, derived from the annual New Hampshire Trappers Association fur auction, declined for most species. Pelt values increased for red fox and muskrat, but were down for beaver, otter, mink, fisher, raccoon, gray fox, coyote, weasel and skunk from the previous year. The value of the 2009/10 fur harvest was $82,980. Total value is based on average pelt values and the total amount of fur harvested in New Hampshire.

The New Hampshire furbearer management program relies on trapper data to monitor furbearer populations and to develop season proposals. New Hampshire furbearer population trends are monitored by trapper catch rates. More specifically, trapper catch per unit effort data (in our case, catch per one-hundred trap nights) are used as species-specific population indices. Our reliance on catch per unit effort data as a population index is based on the widely held view that trapper efficiency is a function of species abundance. Based on our data, coyote, gray fox, and red fox populations trended downward this past season, while muskrat, otter, and raccoon populations experienced increases. All values for all species were well within historic norms.

New Hampshire Trappers have assisted with an ongoing study of bobcat abundance, population density and habitat preference. The study is a cooperative effort of New Hampshire Fish and Game and the University of New Hampshire. It began during the late fall of 2009 in southwestern New Hampshire and continued in 2010-2011 in another study area in southeastern New Hampshire. For more information on and to follow the study, visit http://mlitvaitis.unh.edu/Research/BobcatWeb/bobcats.htm. New Hampshire trappers' assistance in live-capturing bobcats to be fitted with telemetry collars for the study is greatly appreciated.

The furbearer project thanks all those cooperating trappers who have provided their services in support of this study.

NEW HAMPSHIRE FURBEARER MANAGEMENT REGIONS

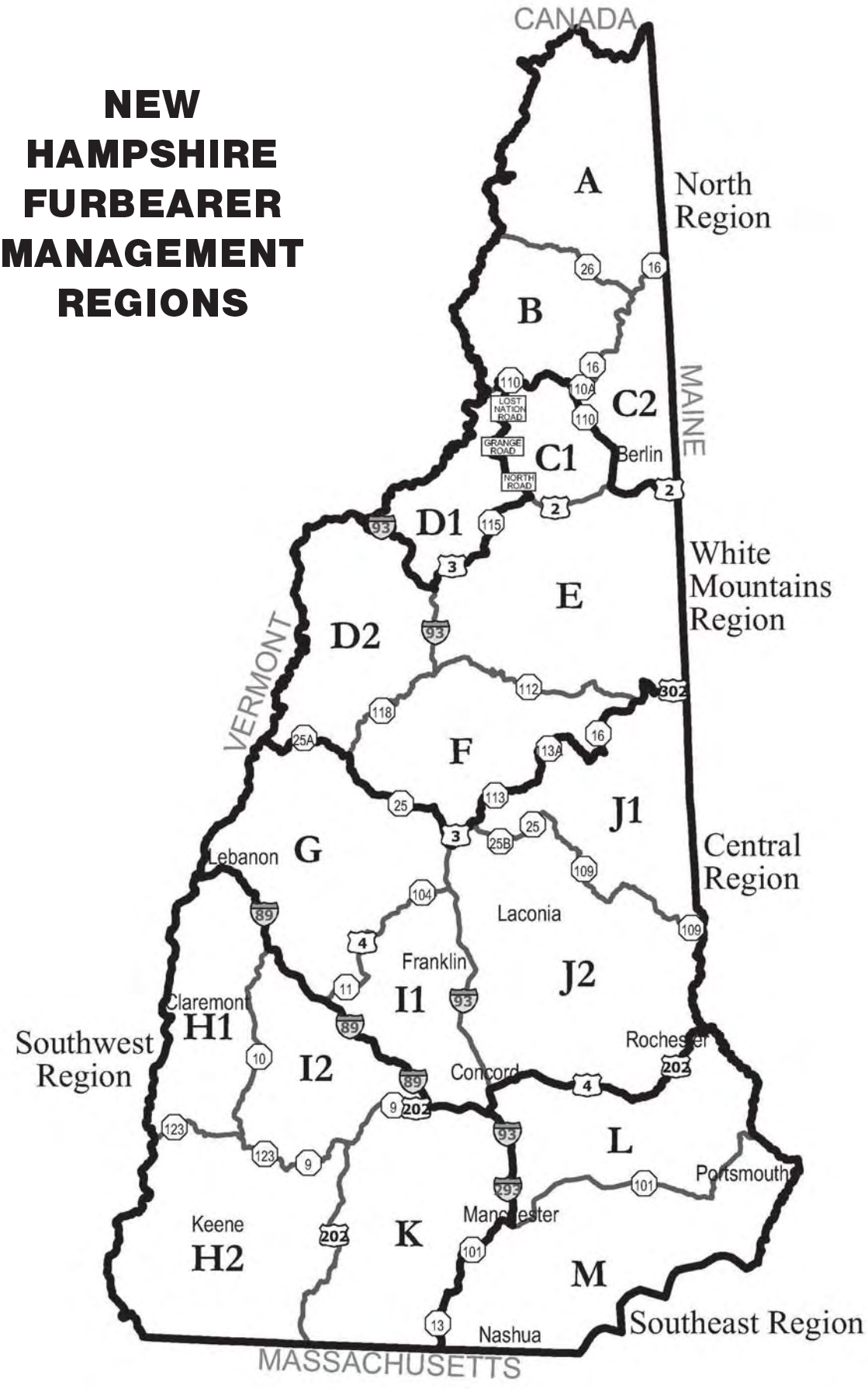

TABLE 1. NH FURBEARER TRAPPER HARVEST BY TRAPPING SEASON, 2002/03 - 2009/10

SEASON	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
2002/03	2280	532	781	188	367	1458	275	415	364
2003/04	2798	734	801	271	353	1945	364	534	505
2004/05	2595	661	753	117	362	2348	310	634	408
2005/06	3057	464	548	71	292	2109	367	350	239
2006/07	3371	560	595	190	449	2651	345	495	336
2007/08	2210	378	397	113	420	1518	165	449	218
2008/09	2709	517	380	180	266	1138	216	395	282
2009/10	2478	396	289	179	219	1625	263	385	210

TABLE 2. NH FURBEARER STATEWIDE CATCH PER 100 TRAP NIGHTS BY SEASON, 2002/03-2009/10

SEASON	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
2002/03	7.25	2.72	2.31	1.54	1.85	5.72	2.15	2.30	1.95
2003/04	7.15	1.88	2.83	1.37	1.73	6.34	2.33	2.26	2.17
2004/05	8.09	1.59	2.51	1.52	2.19	9.17	1.76	3.0	1.86
2005/06	6.38	1.85	1.94	0.86	2.07	7.76	1.58	2.46	1.52
2006/07	7.31	1.77	1.34	1.12	1.30	5.41	1.58	1.78	2.03
2007/08	8.93	2.79	1.63	1.24	2.59	7.38	2.28	4.54	1.66
2008/09	7.50	2.40	1.64	1.58	2.09	5.83	1.69	2.91	1.68
2009/10	7.49	1.90	1.65	1.12	2.03	6.21	2.74	3.49	1.17

TABLE 3. NH FURBEARER TRAPPER HARVEST BY REGION, 2009/10

REGION	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
NORTH	293	61	47	2	29	168	7	39	30
WHITE MTN.	324	108	29	2	54	133	18	67	28
CENTRAL	779	143	76	128	68	528	126	83	102
S. WEST	533	52	65	23	42	266	55	74	15
S. EAST	549	32	72	24	26	530	57	122	35
STATEWIDE	**2478**	**396**	**289**	**179**	**219**	**1625**	**263**	**385**	**210**

TABLE 4. NH FURBEARER CATCH PER 100 TRAP NIGHTS BY REGION, 2009/10

REGION	BEAVER	COYOTE	FISHER	GRAY FOX	MINK	MUSKRAT	OTTER	RACCOON	RED FOX
NORTH	10.49	4.96	1.47	4.55	2.35	10.28	8.24	7.91	5.86
WHITE MTN.	12.45	4.42	1.88	0.58	4.13	11.95	3.64	5.54	2.96
CENTRAL	7.09	1.01	1.57	1.17	1.61	6.49	3.00	1.51	0.93
S. WEST	6.77	2.69	1.38	2.27	2.11	4.49	3.16	3.97	2.50
S. EAST	6.22	2.90	2.22	0.65	1.28	5.66	1.84	6.26	0.70
STATEWIDE	**7.49**	**1.90**	**1.65**	**1.12**	**2.03**	**6.21**	**2.74**	**3.49**	**1.17**